A

CLASSIFIED CATALOGUE

OF THE

RAW PRODUCE

EXHIBITED AT THE

MADRAS EXHIBITION

OF

1857;

TO WHICH IS ADDED

A FEW REMARKS ON THE BEST METHODS OF EXHIBITING

RAW PRODUCE.

BY

LIEUT. HENRY P. HAWKES, SUB-ASST. COMY. GENL.

ACTING SECRETARY TO THE SUB-COMMITTEE OF RAW PRODUCTS.

THE MINERALS BY

ALEXANDER HUNTER, ESQ.

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1857.

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CLASS I.

METALLURGICAL PROCESSES AND MINERAL PRODUCTS.

Coal formations.

NOTE.—The following minerals have been sent from different parts of the presidency in answer to a circular calling for any indications of blue mountain limestones.

Carboniferous or blue mountain limestone, (containing fossils.) Much used for millstones in Madras.

Blue mountain limestone containing black carbonaceous matter that burns away to a white ash.

Blue carboniferous, limestone containing, a fossil Spirifer and fragments of Encrinites. Millstone from an old tannery. St. Thomé.

Brown carboniferous limestone containing fossil coral and Cyathophyllum cæspitosum. Millstone from an old bakery. Madras.

Blue carboniferous limestone containing a nodule of sulphuret of iron. Millstone from an old tannery. St. Thomé.

Black carbonaceous limestone conglomerate from Kondoopalpaud near Ghooty. (This burns to a white color and is a good strong limestone.) Major Bisset.

Black band iron in sandstone from Kondoopalpaud near Ghooty. Major Bisset.

Jaspery clay iron stone and conglomerate Major Bisset.

Sandstone resembling new red sandstone. Major Bisset.

Grey magnesian limestone containing iron pyrites. Major Bisset.

Bitmen issuing from the side of a steep hill below some of these strata. This burns with a fine clear flame and yields good naphtha on distillation. Major Bisset.

Blue mountain limestone without fossils. Cuddapah District. Capt. Hemery.

Black mountain limestone containing sulphuret of iron. Cuddapah. Revd. R. Porter.

Grey mountain limestone without fossils very like the limestone of the coal formations in England. Col. Green. Sircy.

Compact grey limestone from Patrickcroft near Manchester used in smelting iron. Major Maitland.

Grey limestone of the lower cretaceous or greensand formations with fossil bacculites from 2 miles West of Vurdoor. A. Hall Esq.

Grey magnesian limestone containing a fossil Cardium. Seedrapett. A. Hall Esq.

Yellow magnesian limestone containing gypsum and fossils of the greensand formation. E. F. Ricketts, Esq. Ootatoor.

Grey limestone with fossils of the greensand formation. Capt. Wilkieson. Trichinopoly.

Sandstone or campact freestone. Naggery.

White freestone like the holystone of England. Naggery.

Blackish chert or hornstone. Naggery.

Green chert with an oval mass like a fossil seed. Naggery.

Greenish grey sandstone. Naggery.

Green sandstone containing emery. Nellore.

Grey chert makes a fine grindstone. Nellore.

Pink and grey chert with small grains of mica. Nellore.

Greenstone slate. Nellore.

Greenstone used in carving pillars of pagodas. Muddoor. These Greenstones all resemble the mountain limestone in appearance.

Greenstone. Trittunny.

Greenstone. Attipatcherry.

Greenstone. Palaveram.

Greenstone and cellular ironstone. Palaveram.

Greenstone. Vellore.

Potstone. Vellore.

Potstone. Chittoor.

Clay ironstone. Vellore. Capt. R. Roberts.

Greenstone from Adialacherry near Sadras. E. Shubrick, Esq. Chingleput.

Greenstone used in carving the tombs at Sadras. E. Shubrick, Esq.

Greenstone from Waragadum. do.

Greenstone from Chittamoor. do.

Greenstone containing garnets from Sydapoorum. Nellore. F. Crozier, Esq.

Hornblende in quartz. Nellore.

Greenstone slate. Col. McCally.

Red jaspery clay ironstone with a fossil. Red Hills.

Jaspery brown clay ironstone. Red Hills.

A fossil bacculite from Red Hills.

Favosites polymorpha in jaspery clay ironstone. Red Hills.

Grey and black chert or hornstone in rolled pieces. Red Hills.

Compact red sandstone. Red Hills.

Coarse gritty red sandstone like old red sandstone. Red Hills.

Blue limestone cropping out of the ground with a fossil attached to its surface and adhering to it intimately.

Decaying hornblende and quartz. Nellore.

Pitchstone. Naggery.

Sandstone. Naggery.

Grey tabular sandstone. A good whetstone. Nellore.

Grey tabular sandstone with dendritic manganese. Nellore.

Grey chert with circular markings on the surface. Nellore.

Coal found near Nellore by the late D. White, Esq. 1851 apparently an accidental piece.

Coal found on a hill between Bodmagoonta and Caligherry. Nellore District. G. Powell, Esq.

Fragment of coal, apparently a piece dropped accidentally by the Europeans who were employed in working copper ore at Nellore.

Coal from Labuan.

Cellular Iron ore with laterite. Honore. Lieut. Bates.

Laterite. Honore. Lieut. Bates.

(*Rev. A. Campbell.*)

(Fossils from the coal formations of Great Britain.)

Asterophyllites folicea from Burdiehouse near Edinburgh.

Asterophyllites folicea from do. do.

Sphenopteris crenata from the coal measures. Newcastle.

Sphenopteris from coal measures. Newcastle.

Calamite from coal measures do.

Caulopteris primaeva from do.

Fossil wood from coal measures. Newcastle.

Calamite from do. do.

Pecopteris lonchitica from do.

Stigmaria ficoides from do.

Limestone with fossil shells do.

Lepidodendron from do. do.

Aluminous shale from do. do.

Sigillaria laevigata from do. do.

Fossil wood exogenous.

Bangalore.

(*Capt. Puckle.*)

1 Rusty iron sand.
2 Steel sand.
3 Ochrey iron ore.
4 Pale and dull yellow ochre.
5 Ochrey iron sand.
6 Ochrey clay iron stone.
7 Yellow ochre of good quality.
8 Rusty ochrey iron stone.
9 & 10 Brown and purple hæmatite.
11 Magnetic iron ore rich in the metal.
12 Steel grey ore and iron glance in sand stone.
13 Granular steel grey ore.
14 Red hæmatite.
15 Cellular iron ore or bog iron.
16 Yenite or calcareous iron ores with veins of quartz.
17 Rusty brown and yellow iron ore with veins of quartz.
18 Yellow ochrey iron ore,
19 Porphyritic iron stone and sandstone.
20 Rusty and grey iron ore.
21 Black band iron in sandstone.
22 Slaty brown iron ore.
23 Botryoidal and stalactitic iron containing manganese.
24 Jaspery brown clay ironstone with manganese.
25 Fibrous yellow and brown wad or manganese and iron.
26 Purple hæmatite and laterite, containing iron, manganese, lime and sand.
27 Yellow and white laterite containing kaolin and yellow ochre.
28 Red and white laterite containing kaolin and a little red ochre with lime.
29 Yellow white and red laterite.
30 Yellow concretionary lime in curved tabular pieces.
31 Septaria or hollow balls of grey nodular lime. Hydraulic.
32 Portion of a fossil bone apparently the transverse process of the vertebra of some large animal silicified.
33 Coprolites or fossil dung of animals in ovate balls.
34 Purple coprolites in elongated masses.
35 Pisiform limestone or roestone from near Andewal.
36 Pisiform limestone or roestone containing iron, probably hydraulic.
37 Yellow, red and grey silicious slate.
38 Red and grey soft sandstone, fit for whet stones.
39 Dark red, grey and yellow sandstone, tastes salt, a good whet stone.
40 Grey whet slate of fine quality fit for sharpening scythes and bill hooks.
41 Pink and grey aluminous slate, a burnishing stone.
42 Grey sandstone, of good quality for whet stones, but with veins of iron ore.
44 Dark grey chlorite slate, fit for roofing or for burnishing copper, from Andewal.
45 Pale grey chlorite slate, fit for roofing or drawing slates.
46 Blue chlorite slate, fit for roofing or drawing slates.
47 Slate chert, purple sandstone and green felspar.
48 Dark green clay slate containing iron.
49 Green stone slate.
50 Dark slate with a layer of emery.
51 Pink and green granular felspar.
52 Soft grey silicious polishing slate of fine quality.
53 Green stone.
54 Green clay slate and chert.
55 Red jasper.
56 Massive schorl, a fine crystal.
57 Mica and quartz.
58 Granular white felspar.
59 Pink green and grey felspar.
60 Talc schist, a soft potstone.
61 Chert and green stone.
62 Mica schist with iron from Toomcoor.

Minerals cut and polished.

63 White granular felspar, a kind of whet stone.
64 Grey granular felspar with dark grey spots resembling the "water of ayr" stone.
65 Granular greyish white felspar, coarser than No. 63. A whet stone.
66 Pitchstone. This sometimes accompanies coal.
67 Black chert, a touchstone stone for gold.
68 Grey chert.
69 Ribbon jasper.
70 & 71 Clay slate fit for roofing.
72 Brown clay slate, a soft whetstone.
73 Clay slate with band iron ore.
74 Blue roofing slate of good quality.
75 White and red clay slate.
76 Red clay slate.
77 Soft brownish clay slate, fit for polishing metals.
78 Oval piece of do.
79 Granular green felspar, resembling Turkey hone.
80 Green and pink felspar or porphyry.
81 Ligneous Asbestus.
82 Crystal of Aqua marine with flaws.
83 Quartz containing gold.

(*W. J. Addis, Esq.*)

1 Rock crystal. Useful in pottery, slightly opaque.
2 to 4 White grey and blue quartz. Useful in pottery and glass manufactory.

5 Grey chert. A good stone for paving flint mills.
7 to 9 Red and white quartz. Pale grey quartz. Red and brown quartz, and pink and green quartz.
10 & 12 White and pink felspars. Useful in glazing pottery.
11 Tabular felspar. Slightly granular.
13 Pink prophyry.
14 Decaying white felspar. The kaolin or porcelain earth of the Chinese.
15 Decaying granular felspar.
16 Grey kaolin or decayed granular felspar.
17 Indianite a variety of felspar. Melts into an enamel.
18 Pegmatite a binary granite composed of felspar and quartz.
19 White kaolin or porcelain earth of very fine quality.
20 to 22 Yellow, green and pale yellow kaolin.
23 Grey quartz adhering to green kaolin.
24 Yellow ochre.
25 Yellow aluminous shale.
26 Grey aluminous slate curiously waved.
27 Red aluminous shale.
28 Compact granular felspar like turkey hone.
29 Lavender colored kaolin, impure.
30 Jaspery clay iron stone this often accompanies fossils.
31 Greyish yellow polier slate. Used for polishing copper and brass.
32 Compact sandstone.
33 Grey sandstone and iron ore in bands.
34 Red polier slate. A polishing stone.
35 Decaying red micaceous granite.
36 Compact red granite, an ornamental rock.
37 Decaying grey micaceous granite.
38 Do. variety with much mica.
39 Lepidolite or mica and quartz. Polishes well.
40 & 41 Dark and pale grey mica schists.
42 & 43 Compact and decaying chlorites.
44 Dark chlorite slate.
45 Grey whet slate.
46 Steatite soapstone or balapum used in Pottery and for polishing fine chunam.
47 Ligneous asbestus and steatite.
48 Pink soft sandstone, resembles tripoli.
49 Grey soft sandstone, do.
50 & 51 Dark red and red grey sandstone.
42 Red sandstone with grey iron ore.
53 Red grey and black sandstone with iron ore like the pins and binders of the coal measures.
54 Dark red sandstone.
55 Dark purple iron ore.
56 Cellular black sandstone like the old red sandstone.
57 Grey sandstone with white quartz and band iron.
58 Quartz and sandstone.
59 Chlorite, sandstone, and quartz.
60 Chlorite, schorl, and mica.
61 Coccollite a variety of hornblende.
62 Coccollite and sandstone.
63 Crystals of quartz and clay ironstone.
64 Greenstone, a road metal.
65 Greenstone slate. A building rock.
66 Basaltic hornblende, a building rock.
67 Dodecahedral garnet used for grinding and polishing.
68 Jaspery clay ironstone a burnishing stone.
69 Compact chlorite. A building rock.
74 Crystalline gypsum, makes plaster of Paris.
71 Nodular limestone or kunkur.
72 Tabular silicious limestone.
73 Purple haematite, rich in iron.
74 Basalt. A building rock.
75 Iron ore, very rich in the metal.
76 Botryoidal manganese, used in coloring pottery.
77 Brown iron ore with manganese.
78 Specular iron ore or iron glance, a fusible ore of iron.
79 Steel grey iron ore rich in the metal.
80 Sesquioxide of manganese used in colouring pottery and glass.
81 Adamantine spar of fine quality, a variety of emery, used for polishing glass, pebbles and metals.

Bellary.

(Local Committee.)

1 Pink and grey sienite.
2 Magnesite.
3 Indianite with small scales of mica.
4 Grey sienite.
5 Do. with large crystals of tabular pink felspar.
6 Red sienitic granite.
7 Dark red porphyritic granite.
8 Lepidolite.
9 Leucite.
10 Green, gray and white granite, containing much copper.
11 Pink felspar with scales of Mica.
12 Granular pink felspar with plates of Mica.
13 White and pink sienite with Mica.
14 Dull grey sienite.
15 Crystalline augite carved on the surface.
16 Grey quartz with black Mica.
17 Mica schist.
18 Basalt.
19 Millstone grit.
20 Botryoidal Manganese, like coprolites.
21 Grey manganese ore.
22 Nitrate of soda.
23 Dhobees earth or crude carbonate of soda.
24 Saltpetre of good quality in clear crystals. Saltpetre of 2d quality.
25 Earth containing common salt.
26 Salt from Do.
27 Materials used for bangles viz. Earth of a brownish color.—Tabular slaty earth 2d process.—Black bangle glass with crust of soda.—Purple bangle glass colored with manganese.—Brownish yellow glass colored with a little iron.—Greenish yellow glass colored with copper.—Greenish grey glass colored with iron.—Blue glass colored with copper.—Greenish white barilla—Materials used in coloring bangle glass.
28 Colored kaolins from Ramanmully viz. Grey tripoli or lemnian earth.—Purple and pink kaolin.—Dark grey kaolin.—Puee colored kaolin.—Lavender colored kaolin.—Bright yellow ochre.—Yellow and pink kaolin.—Ligneous asbestus or Ratee nara.—Polishing slate.—White kaolin of very fine quality.—Soft red kaolin.—Soft grey kaolin with a piece of petrified bark.—Lavender colored kaolin very soft.—Soft grey and white sandstone.—Soft grey and yellow tripoli.

29 Grey magnesian limestone probably hydraulic from Anandapoor.—White magnesian limestone. from Goollen.—Nodular limestone or kunkur from Adony.—Dark grey nodular lime probably hydraulic from Bellary.

30 Grey clay used for making chatties. Adony.

31 Grey silty clay used for making pipes. Adony.

32 Indian red ochrey iron stone. Yadakee talook.

33 Pale yellow ochre of very fine quality, called yellow gopee.

34 Red bole or magnesian earth from Kumply, Hurponhully talook.

35 Grey gun flint. Adony.—Red brown and black chert. Anantapoor.—Red and white chert with fossil impressions of wood. Yadakee talook.

36 Granites of different kinds found in the town of Bellary.

37 Yellow Marble. Yadakee talook, Ghooty.

38 White sandstone and band iron.—Slaty grey iron ore. Ramandroog.

39 Chlorite slate fit for whetstones. Jowk talook. (Surgeon L. Lovell.)

40 Brown breccia in which diamonds are found at Moonemadagoo.

41 White and blue Quartz.—Rhomb spar a pure carbonate of lime from Dumplee.

42 Crystals of amethystine quartz. Anantapoor.

43 Rock crystals from Sugamulay.

44 Blueish crystals of Leucite. Singanamully.

45 Soapstone or Balapum from Taudpatry, Koodleghee Talook.

46 Potstone. Hurponhully Talook.

47 Green Lepidolite.

48 Rounded pebbles of Quartz. Kumply.

49 White and yellow granular Felspar. do.

Cuddapah.

(*M. Murray, Esq.*)

1. Iron ore hæmatite. Rich in the metal, makes good iron. Slightly magnetic, red in the streak.

2. Purple hæmatite. Rich in the metal, makes good iron. Slaty in fracture, red in the streak.

3. Purple and grey hæmatite from Chennoor, Very rich in iron. Glistening in the fracture, red in the streak.

4. Granular iron ore from Chitwail. Rich in iron. Portions highly magnetic.

5. Grey hæmatite from Chabalipully, Camalapoor talook. Rich in iron. Red in the streak.

6. Red hæmatite, from Poolevendalah. Rich in iron. Magnetic, earthy in fracture, bright red in the streak.

7. Steel grey iron ore from Goorumcondah. Rich in iron. Magnetic, granular in fracture.

8. Yellow ochrey ore from Muddenpully. Iron of good quality is made from this. Light ochrey, soft, earthy in fracture.

9. Iron sand, from Royachoty. Fit for making steel. Fine grained, dark steel grey.

10. Iron sand, from Goorumcondah. Indifferent. Containing a good deal of quartz.

11. Steel sand, from Poolecvendalah. Fit for making steel. Fine grain, dark and glistening.

12. Steel sand containing micaceous iron, from Camarole and Yendapilly. Yields good iron and steel. This is a very fusible ore.

13 Micaceous iron ore. Yields good iron and steel. This is a very fusible ore.

14. Large crystals of iron pyrites or sulphuret of iron. Yield sulphur, sulphuric acid, yellow ochre, and rouge or polishing powder. This is useful if procurable in large quantities.

15. Crystals of pyrites in grey slaty lime stone.

16. Puce colored soft sandstone. This is a variety of kaolin useful for pottery and colored crayons. Earthy in fracture, containing a little grit.

17. White grit and white shale or fire clay. The grit is a filtering and burrhstone. The fire clay is fit for pottery and fire bricks. They resemble the mill stone grit and fire clay of the coal formation in England.

18. Nodule of jasper. A pebble and burnishing stone. Compact, of good quality.

19. Blue slaty limestone. Useful for building and paving purposes. This is procurable in large slabs at a cheap rate.

20. Rock crystal with iron ore. Of every clear water useful for lenses, ore rich in the metal.

21. Rock crystals in small crystals. Ring stone. These crystals are frequently embedded under a layer of botryoidal iron and manganese.

22. Rock crystal with ribbon jasper, pitchstone and plumbago. Rock crystal of good water useful for lenses. The pitch stone and plumbago are interesting minerals both containing carbon.

23 Agates (fortification jasper and brecciated.) Useful for polishing. These appear to be fossil alcyonites, resembling flint nodules.

24. Black chert with grey streaks. Takes a good polish. Resembles fossil wood.

25. Green calcareous spar with yellow lime stone. The lime is magnesian and hydraulic. This was supposed to contain fluate of lime, but on being tested did not yield fluorine.

26 to 31. These appear to be all portions of the same gigantic fossil partly embedded in sand stone a portion has been sent to Mr. Oldham in Calcutta for identification. There are numerous protuberances of grey chert in rounded knobs at regular intervals gradually diminishing in size and tapering to a point.

32. Purple jaspery clay iron stone and quartz in thick alternate strata, with large fortification agates. Fossils ought to be sought for in the vicinity.

33. Calcareous spar, a pure carbonate of lime in crystals. When abundant used as a flux for melting iron. When very clear used in laminæ for microscopic purposes.

34. Green and brown porphyry. This takes a good polish. Belongs to the transition formations.

35. Slaty limestone in red and yellow streaks. This takes a good polish. If procurable in large pieces would be useful as an ornamental stone.

36. Green silicious limestone with a vein of quartz. This probably contains copper. Hard dense and compact. An ornamental stone.

37. Red silicious limestone with veins of quartz. Hard dense and compact. The transverse section presents a curious honey-comb appearance from the white veins intersecting it.

38. Portion of a fossil in sand stone. Apparently fossil wood (exogenous.)

39. Fossil silicified wood. Apparently portion of a palm (endogenous.) Further search should be made in the vicinity for fossils.

40. Jasper porphyry. Resembles conglomerates of the coal formations. An ornamental stone.

41. Fossil impression in clay slate apparently a portion of a gigantic leaf. Considerable doubt exists regarding this specimen. Careful search should be made amongst these and the accompanying strata.

42. Black chert or flint. Takes a good polish contains carbonaceous matter and burns to a pure white.

43. Purple jaspery clay, ironstone and quartz.

44. Conchoidal grey chert (fossiliferous ?) Takes a good polish. This appears to be a fragment of a gigantic bone.

45. Chert and clay slate (fossiliferous ?) Marked on the surface like the outer portion of one of the coniferæ.

46. Chert and clay slate fossiliferous. Central portion cancellated like bone.

47. Piece of opaque flint or chert. Apparently fossiliferous.

48. Varieties of jasper. Ornamental and burnishing pebbles.

49. Fossil alcyonite. Resembles flint.

50. Green and red porphyry. An ornamental stone. Probably containing copper.

51. Black cellular chert and jaspery clay iron stone. Fossils ought to be sought for in the vicinity.

52. Black conglomerate.

53. Silicious nodular chert. An ornamental stone. Apparently fossiliferous.

54. Green and purple porphyry traversed by veins of quartz. An ornamental stone. If procurable in large slabs this would be very useful.

55. Yellow, red and grey aluminous shale from Cumbum. Fossils are frequently found in similar strata.

56. Dark grey and white chert with calcareous spar. Fossils frequently found in similar strata.

57. Conchoidal white chert. Slightly cellular.

58. Amethystine chert. An ornamental stone.

59. Grey chert traversed by yellow clay slate.

60. White conchoidal chert. Well fitted for paving flint mills.

61. Grey conchoidal chert. Do.

62. Porcelain jasper and chert. An ornamental stone.

63. Grey flint. Strikes fire with steel.

64. Porphyry. An ornamental stone.

65. Black chert.

66. Nodule of grey and yellow flint.

67. Portion of a large ball of quartz containing rock crystal. Resembling an Agate.

68. Red and grey conchoidal chert. An ornamental stone. Contains circular markings.

69. Silicious lime stone fit for lithography and whet stones, it is also hydraulic.

70. Bluish Chert. Apparently fossiliferous.

71. Black chert adhering to what appears to be a portion of a fossil reptile. Similar to No. 51.

72. Dark green marble containing copper from Mallagoontapully. A highly ornamental stone.

73. Grey and green marble. An ornamental stone. If procurable in large pieces this would be of use.

74. Dark grey sienite. A building and paving stone.

75. Pale grey sienite. A building and paving stone.

76. Decaying porphyry. Of little use.

77. Sienite and limestone. Of little use.

78. Gneiss. An ornamental building stone.

79. Mica slate with sienite.

80. Sienite. A building stone.

81. Pegmatite and granite. Used for pottery and glazes.

82. Sienite, a large grained granite. An ornamental stone.

83. Pegmatite.

84. Sienite.

85. Hornblende rock? From Muddenpilly.

86. Black conchoidal chert, a variety of flint from Chitwail. Apparently fossiliferous.

87. Red chert in quartz rock ?

88. Yellow Ochre of good quality. Used in glazing pottery and in painting.

89. White quartz, useful for glass.

90. Pink and green felspar. An ornamental rock.

91. Red ochre, sometimes used as an ore of iron.

92. Kunkur or nodular lime. A strong useful lime.

93. Pebble of Porphyry. A burnishing stone.

94. Brownish limestone and quartz.

95. Grey chert. Used for paving flint mills.

96. Rock crystal. Used in making flint glass.

97. Polier slate. A burnishing stone.

98. Laterite. A road metal makes fine garden soil with 1 part ashes and 2 parts sand.

99. Black chert.

100. Grey quartz with minute crystals on the surface. Curious but of little use.

Geological features of the Cuddapah District.

Granites,—old, large, crystalline, small grained, and decaying granites.

Transition and metamorphic rocks,—decaying schists compact slates, calcareous and heavy spar, quartzose and diamond sandstones, conglomerates with iron ores, manganese. Corundum, &c.

Magnesian limestones. Lithographic marbles, dolomites, silicious limestones and limestones rich in metallic veins.

Old Secondary formations.—Sandstones, grits, cherts, jaspery clay-iron-stones, soft slates and fossiliferous shales. The relative age not well defined from the want of fossil shells.

Recent Tertiary formations.—Soft sand-stones, grits, shales, and fire clays, with fossil woods, gypsum and limes.

Alluvial deposits.—Porcelain and potters clays, marls, nodular limestones, loams and good soils.

Cuddapah.

(Capt. Hemery.)

Galena. For glazing pottery and making flint glass. This ore is very rich in silver.

Sulphuret of iron or pyrites in blue slaty limestone. For making sulphuric acid, alum and red polishing powder. This is very useful if procurable in large quantities.

Dendritic manganese in clay slate.

Sulphuret of baryta. A flux for metals and a porcelain material.

Rock crystal. Used for lenses and making optical glass.

Thick white quartz. Used in pottery.

Rose quartz. Used for porcelain.

Crystal of quartz in sandstone. A curious geological specimen.
Red hæmatite. Yields good maleable iron.
Yellow and red cellular clay ironstone. Yields good soft maleable iron.
Red and grey sandstone. A coarse polishing stone.
Aluminous shale, grey. A soft polishing stone.
Aluminous shale. A harder polishing stone.
Roofing slate, indifferent in quality, probably better at greater depths.
Purple and grey slate. A polishing slate.
Sandstone dark red. A coarse whetstone.
Conglomerate. Fossils ought to be sought for between this and the hard and soft sandstones.
White sandstones.
Grey chert. Often accompanies fossils.
Iron ore. A band iron.
Jasper. A burnishing stone.
Black cherts. Often accompanies fossils.

Chingleput.

(*Rungiah charloo.*)

White ball clay, useful for chemical wares.
Yellowish-white ball clay, useful for stone ware.
Fire clay or white shale, useful for fire bricks and crucibles.
Brown hæmatite a rich ore of iron.
Laterite rich in iron.
Yellow laterite, a good road metal.
Brown hæmatite with veins of iron glance.
Red hæmatite, rich in iron.
Cellular iron ore or bog iron from Vembahum.
Iron ore containing manganese. Teroopooroor talook.
Cellular iron ore with manganese, from beds of clay at Ponel.
Granular iron ore, a silicate of iron from Mylapoor near Peddapolliem.
Sienite from Ramungary on the borders of the Chingleput district.
Blue quartz.
Cellular limestone, a good lime, from Nungumbaukum.
Marl from Pummadoocolum.
Basaltic hornblende from the bed of the Cortillar river near Naggery.
Greenstone slate from the Naggery Pass.
Decaying granite, from the Adyar.
Loamy clay from Palaveram fit for brick making.
Tough potters clay from Rungarumma pettah, fit for glazed pottery and common crucibles.
Tough potters clay from Ooroor, fit for chatties.
White sand from Trivatoor used for bangles and for mixing with lime.
Recent shells viz. Sea urchin, barnacles, teredo gigantea, solen, arca.
Fossil scutella subrotunda, middle tertiary group.

(*Armooga Modelly.*)

Chittigong rock from Chunambutt. A grey aluminous shale with soft sandstone veins, might be used for polishing metals.
Culnar gypsum or selenite, useful for glazing porcelain and making plaster of Paris.
Soft pink sandstone from Chunambutt useful as a whet stone.
Red ochrey clay for coloring pottery and paving tiles.
White sand from Chunambut, fit for glass making and polished chunam.
Iron sand mixed with common sand, from Chunambut, would make good steel.
Pipe clay. Ootramaloor talook. Nareyna chetty.

(*Dr. Ratton.*)

1 Central part of a large natural magnet, the poles being in its transverse diameter.
2 Massive oxydulous iron ore, magnetic with polarity, very rich in iron.
3 Oxydulous iron ore with manganese, magnetic with polarity. This yields the best iron for conversion into steel.
4 Iron ore and manganese.
5 Talc in quartz and clay.

Coimbatore.

(*E. B. Thomas, Esq., and Kistniah.*)

1 Magnetic iron stone. Makes good bar iron but indifferent cast iron.
2 Magnetic iron ore or loadstone.
3 Rock crystal.
4 Nodular lime or kunkur.
5 Talc or abruck.
6 Coarse iron sand.
7 Coarse brown iron sand from the foot of Negamam Hill.
8 Raw iron or iron bloom.
9 Pebbles of white and grey quartz and felspar.
10 Coarse conglomerate containing iron.
11 Fine grained iron sand from Iroombaray, Danaikencotta talook.
12 Fine iron sand.
13 Fine black iron sand, containing manganese from Kanattoo cadavoo, Peellachy talook.
14 Fine black iron sand from Kalaneoondal, Dharapooram talook.
15 Iron sand with quartz, from Chennimalay, Perindaray talook.
16 Fine grained grey iron sand, from Elliamootoor, Chuckragherry talook.
17 Iron sand with quartz, from a jungle stream at Mungarasay Valiapollion, Cheyore talook.
18 Fine grey iron sand from a jungle stream at Vadakeepullium, Pullachy talook.
19 Coarse brown sand from the foot of Negamam Hill, Suttyamungalum talook.
20 Fine iron sand containing manganese from Veeraband, Coimbatore talook.
21 Fine grey iron sand from Venjaman Coodatoor, Caroor talook.
22 Iron ore rich in the metal from Caverypooram, Andioor talook.
23 Coarse red iron stone from Vadamoogum Vellode, Perindoray talook.
24 Coarse brown iron stone from Nullampully, Perindoray talook.
25 Iron ore with chlorite.
26 Small piece of grey marble.
27 Cups made of Potstone or coarse steatite.
28 Large piece of tabular rock crystal.
29 Cellular chert.
30 Yellowish rock crystal.
31 Brick made by the Railway Company

Godavery.

(*Dr. Jackson.*)

Collected on the first exploration under Capt. Haig.

1 Greenstone. This is a good building stone and road metal. Slaty in fracture.
2 Crystaline augite and quartz.
3 Chlorite slate.
4 & 12 & 17 Quartz.
5 Blue smoky Quartz.
6 Gneiss.
7 Asparagus stone and quartz.
8 Coarse plasma or greenish quartz.
9 Coarse lepidolite or quartz and mica.
10 Red sandstone.
11 Greenstone slate.
13 Purple sandstone
14 Pink Porphyry.
15 Cellular iron ore.
16 Iron glance.
18 Decaying Pegmatite or binary granite.
19 Granite.
20 White stone, albite or white felspar. Used in glazing porcelain and pottery.
21 White pegmatite. Used in the bodies of stone ware and porcelain. This melts into a beauful enamel.
22 Quartz with crystaline augite.
23 Fresh compact pink felspar. Used in the glazes of the finest porcelain and table ware. Melts into a white enamel.
24 Decaying granite.
25 Mica slate.
26 Stalactitic iron ore.
27 Fragment of a petrified tree.
28 Mica schist.
29 Micaceous sandstone.
30 Fragment of a radiated zeolite.
31 Rolled piece of soft sandstone.
32 Pink pegmatite or binary granite,

Guntoor.

1 White marble from Condramootta, Innacondah talook.
2 White marble from Timmercottah.
3 White marble from Ravoolagudda Datchapilly talook.
4 Iron ore first sort.
5 Iron ore second sort.
6 Iron ore.
7 Lithographic stone for Amarawaty in the Guntoor district, with specimen of the work done on it.

Hydrabad.

1 Red hæmatite, rich in iron ore. Yields good cast iron.
2 Rusty ochrey iron ore. Yields good soft iron.
3 Octohedral iron ore in small crystals. Yields hard short iron and good steel.
4 Specular iron ore of fine quality. A fusible ore, much used in fine castings.
5 Ochrey iron ore. Yields soft ductile iron fit for iron wire.
6 Jaspery clay ironstone. Used chiefly as a burnishing stone.
7 Black cellular or bog iron ore. Yields a soft iron.
8 Iron sand. Rich in the metal. Yields good steel.
9 Cellular yellow and brown iron ore. Contains little iron.
10 Pisiform iron ore, contaminated with lime. sand and manganese. Improves hydraulic cements,
11 Oollie or lump of steel, (small.) This steel is very hard and makes good tools and cold chisels.
12 Oollies or lumps of steel (large). This steel is in layers of different density and works into good sword blades and daggers.
13 Rusty brown and yellow iron ore. Makes good iron wire.
14 Yellow ochrey loam. Makes bright red pottery when washed and prepared.
15 Haematitic iron ore, rich in the metal. Yields good strong iron.
16 Sandstone containing iron ore. Yields good steel.
17 Rusty red yellow and grey iron ore. Yields good steel wire when the grey bands are thick.
Steel grey iron ore. Yields good steel.
Cellular red iron ore. Yields a good red color by washing.
18 Steel grey sand, micaceous. A fusible ore of iron.
19 Micaceous iron ore. do. do.
Brown cellular grit. Like old red sandstone.
20 Loam with lithomarge. Useful in pottery.
21 Coarse brown loam. Useful for earthenware when washed.
22 Bright pink lithomarge. Burns to pleasing shades of red for pottery.
23 Tough blackish potter's clay. A good strong plastic clay.
24 Lithomarge. Useful in pottery.
25 Brown loam. Fit for brick making.
26 Grey loamy clay full of roots.
27 Armenian bole called "garoo." Used for pottery and for gilding.
28 White chalky lime. A rich lime for in door work, but too pure to stand exposure to wet.
29 Red loam gritty and coarse. Useful for pottery when washed.
30 Calcareous spar, a pure crystalline lime. Used in the microscope as a substitute for glass.
31 Magnesian lime probably hydraulic.
32 Magnesite and limestone grit. Hydraulic a good addition to chalky lime like No. 28.
33 Nodular lime or kunkur. A strong serviceable lime slightly hydraulic.
34 Grey nodular lime probably hydraulic. A good strong lime.
35 White Quartz. Used in making pottery and glass.
36 White and blue quartz with pink felspar.
37 Crude carbonate of soda and quartz. Used in making bangle glass.
38 Bangle glass of various colors, yellow, blue, purple and black. Too much alkali is present in this glass, it consequently becomes opaque on exposure to the air.
39 Kaolin or porcelain earth of very fine quality. This is the true porcelain earth of the Chinese.
40 Coarse kaolin or decaying granite. Useful as an addition to the last, they must however be ground and sifted together.
41 Loam. Fit for brick making.
42 Blackish micaceous schist from Telgundul. Melts into a slag at a low temperature.

43 White and black mica. Used for rubbing pottery to give it a gloss.
44 Dark mica scist.

Substances used in medicine.

45 Alum. A sulphate of alumina and potass.
46 Balapum, steatite or Soapstone. An ant-acid.
47 Grey felspar or Benachi. Medicinal use unknown.

Salts &c., from the Loonar lake.

1 Salt called dulla.
2 " nimuck dulla.
3 " khuppul.
4 " puppree.
5 " madkar.
6 " khooskie.
7 " travertin.
8 Quartz used in glass making.
9 Glass prepared for the manufacture of bangles.
10 Mineral water from the lake.

Kurnool.

(*Local Committee.*)

1 Grey flint or chert.
2 Soapstone or steatite of fine quality.
3 Soapstone or steatite of 2d quality.
4 Dark red sandstone.
5 Tuffaceous lime coated with copper ore.
6 Galena or sulphuret of lead from Coilcondah, Dhone Talook.
7 Brownish limestone used for sculpture.
8 Quartz containing green copper ore.
9 Manganese ore, rich in the metal.
10 Wrought iron.
11 Sulphate of baryta of fine quality, called moogoo roya or custoory sulla, ½ anna per maund.
13 Corundum of good quality. Goodoor talook.
14 Lead ore with dark sulphate of baryta.
15 Nodular lime or kunkur, a poor lime.
16 Red quartz.
17 Bangle glass.
18 Red diamond earth.
19 Pale yellow or cream colored ochre.
20 Whitish alkaline earth used as a flux for melting gold. 8 Rupees per maund.
21 Grey silt.
22 Dhobees earth or crude carbonate of soda.
23 Flux for melting iron.

Masulipatam.

(*Local Committee.*)

Pipe clay of fine quality ; fit for pottery and stone-ware, from the bed of the river and hills at Teroor.

Brown spar with crystals of baryta.

Sulphate of baryta and sulphate of lime, from the bed of the river and hills at Teroor.

Grey nodular limestone or kunkur. A good lime.

Titaniferous iron ore ? Teroor.

Iron ore hæmatite with crystals of schorl.

Blue, brown and grey agates, called crystals of of saphire.

Pebbles of agate and calcedony.

Cube or Rhomb spar, a pure carbonate of lime. Teroor.

Red hæmatite rich in iron.

Brown hæmatite rich in iron from Juggeapettah Golapilly.

Masulipatam.

(*Local Committee.*)

1 Amethyst and agates from Teroor. Cut and polished as pebbles.
2 Rough Garnets. Used as ringstones and for grinding pebbles.
3 Rock crystal. Used for lenses.
4 Yellow felspar. Used in glazing pottery.
5 Common quartz in crystals. Used in making porcelain and glass.
6 Aplome garnets.
7. Steel grey iron ore. Used for grinding pebbles, rich in the metal, yields good iron and steel.
8 Cellular and granular felspar. Used in pottery.
9 Rich grey iron ore. Used for making soft iron.
10 Plumbago in granite, called silicious felspar. Used for making crucibles.
11 Brown calcarcous spar called talc. Used as a flux for metals.
12 Rhomb spar or crystalline lime. Used for microscopic objects.
13 Brown hæmatite with crystals of schorl. A curious and uncommon specimen, of no use.

Malabar.

1 Coralline limestone. Laccadive islands. Mr. W. Bates.
2 Do. do. white. do.
3 Rusty iron sandstone. Ernaud. Ramoony Marar.
4 Red garnet sand for polishing gold. Cape Comorin. Mr. F. Green.
5 Round mass of soapstone.
6 Cylindrical piece of soapstone. Cottyam.
7 Bituminous wood. Cottyam Wynaud.
8 Red ochrey clay. Wynaud.
9 White ball clay. Do.
10. Gold dust. Tacharakavil.

Madura.

(*R. D. Parker, Esq.*)

1 Stalactitic and concretionary lime with impressions of recent leaves, roots and twigs.
2 Do. do. chiefly roots tencurrai.
3 Yellow marly lime.
4 Stalactitic and botryoidal manganese from Neelacottah.
5 Grey iron sand. Nellacottah.
6 Fine iron sand. Do.
7 Lead in strips.
8 Copper in small sheets.

Madras.

(*Lieut. H. P. Hawkes.*)

Metallic ores.

1 Iron pyrites or sulphuret of iron in quartz.
2 Iron pyrites in small crystals on black slaty limestone, from Ballybunion, county Kerry. Ireland.
3 Arsenical pyrites or cube ore.
4 Yellow ochrey iron ore, a fossil root of a plant, probably from the gypsum formations.

5 Crystalline grey hæmatite or sesquioxide of iron.
6 Calcareous iron ore.
7 Jaspery clay ironstone with bands of grey iron ore.
8 Band iron ore in aluminous shale from the coal formations.
9 Oxide of copper from Burmahon, county Waterford. Ireland.
10 Sulphuret of copper or peacock ore.
11 Green carbonate of copper.
12 Copper pyrites in crystals.
13 Sulphuret of antimony.
14 Native bismuth.
15 Horn silver or native silver ore. South America.
16 Argentiferous galena or sulphuret of lead.
17 Galena or sulphuret of lead in crystals.
18 Galena in large tabular crystals.
19 Menacanite or sesquioxide of manganese.
20 Lava from Vesuvius containing titanium.

Common Minerals.

21 Common garnets.
22 Rock crystal.
23 Amethyst in crystals.
24 Crystal of cairngorum stone.
25 Red jasper.
26 Yellow, and green & grey porphyry.
27 Yellow, and red & white porphyry.
28 Geode or hollow ball of calcedony.
29 Striped green and yellow jaspery clay ironstone.
30 Radiated zeolite.
31 Calcareous spar or crystalline carbonate of lime.
32 Rhomb spar, a very pure carbonate of lime.
33 Dark grey tabular felspar, iridescent.
34 Basaltic hornblende.
35 Meerschaum or a variety called "Spuma maris."
36 Concretionary lime.

Fossils of the coal formations.

37 Blue mountain limestone containing fossil cyathophyllum cæspitosum.
38 Yellowish limestone containing fossil coral.
39 Fossil lituites cornu arietis.
40 Fossil spirifer.
41 Fossil leptaena.
42 Cardium altum.
43 Bituminous shale with fossil calamite.
44 Grey cellular limestone.

Fossils of the lias formations.

45 Lias limestone.
46 Fossil wood.
47 Fossil wood containing sulphate of baryta.
48 Fossil belemnite.
49 Ammonite.
50 Bacculite.
51 Alcyonite.

Nellore.

(*F. H. Crozier, Esq.*)

Yellow and red ochre. Doograzapatam.
Red ochre. Oodiagherry.
Lavender colored ochre. Oodiagherry.
Dodecahedral garrnet. Oodiagherry Hill.
Chert. Oodiagherry Hills.
Potstone, a coarse soapstone from Sydapooram
Dodecahedral garnet in large crystals. Sydapooram.
Heavy spar or sulphate of baryta. Yenamadula. Ravoor talook.
Brown heavy spar. Do.
Hornstone, a very useful grindstone. Variguntapaud, Ravoor talook.
Aplome garnet, used as emery. Caligerry talook.
Dark grey chert. Sungum.
Calcareous or rhomb spar. Dursichendaloor.
Compact chlorite. Narasimhalu Hills.
Dark greenstone.
Granular emery of good quaiity. Sydapoor.
Yellow calcareous spar. Oodiagherry.
Heavy spar containing copper. Yenamudula.
Black chert from Bandarapully.
Sandstone containing emery. Caligherry.
Chlorite traversed by a vein of quartz.
Pink felspar. Ambapoor channel.
Dull yellow ochre. Yenamadula.
Calcareous spar in large crystals. Duttaloor. Oodiagherry.
Hornblende in quartz.
Greenstone containing garnets. Sydapooram.

Nellore.

(*G. Powell, Esq.*)

Compact sandstone. Nellore.
Black mica and grey quartz.
Decaying sienite, improperly called sandstone.
Chlorite and mica schist.
Pitch stone found with laterite.
Decaying mica or abracum, with aplome garnet.
Green earth, called Fullers earth.
Coarse yellow earthy kaolin or decaying granite.
Grey micaceous sand containing Haematite in small nodules.
Massive and tabular schorl, called 1st class coal.
Massive schorl in crystals embedded in grey quartz.
Schorl and decaying hornblende called 2d class coal.
Foliated hornblende.
Decaying hornblende resembling coal.
Decaying schorl with lime called coal in powder. 3d class coal.
Decaying schorl in large masses amongst quartz, flespar and mica called 1st class coal.
Micaceous sandstone called seam coal.
Fossil silicified wood.
Coarse sandstone with black bands of iron.
Red conglomerate like the plum pudding stone of the old red sandstone series.
Micaceous sand stone.
Nodular limestone or kunkur of 3 kinds.
Decaying felspar with mica.
Iron ore and mica.

Iron glance, rich in the metal, apparently containing antimony.

Grey cherty limestone, perforated with a hole. Cuddapah.

Pondicherry.

Hydraulic lime from Pondicherry.

Hydraulic lime after one years immersion in salt water. Pondicherry. Mr. Carriol, Engineer.

(*M. Perrottet, Agricultural Botanist.*)

Combustible or Inflammable Minerals.

1 Lignites of Dicotyledons. "Found at the Horticultural establishment of Pondicherry, at the depth of forty feet.

2 Lignites of Monocotyledons, (Cocos nucifera *vel* Borassus flabelliformis.)

3 Lignites of fern trees, (fibres arborescentes.) "These monocotyledon lignites were found in the Horticultural establishment at Pondicherry, at a depth of almost thirty feet, specimens of the same nature were previously discovered near the Government House, at a depth of sixty feet as well as in other parts of Pondicherry, which leads to the impression that this town and its neighbourhood is situated on what was once forest land.

Lithoid Minerals.

4 Meteorites or Aerolites. "Detached fragment of a block weighing twenty pounds, which was found lying by another weighing thirty five pounds. These two pieces seem to have been united, it is impossible to determine accurately the date of their fall. We can affirm that there was nothing of this kind before 1849, in the place where they have been discovered, they must have been deposited there subsequent to that time. This stone exhibts all the qualities of true meteorites, especially of those which fell at Benares, and perhaps of those at Chassigny near Lange, in 1815. It is well known that these aerial bodies resembles each other in their mineralogic and chemical nature."

5. Petrified wood. "Found in the Horticultural establishment of Pondicherry." Local Com.

6. Calcareous rock from Sedrapett a variety of Trichinopoly marble. This rock is abundant at the village of Seedrapett situated eight miles N. W. of Pondicherry, not far from Terivicary in the English territory where they find the famous petrifications of this name.

Poodoocotta.

Red copperas.
Copperas.
Alkaline earth, fit for making soap.
Saline earth.
Limestones.

Rangoon.

(*Lieut. Playfair.*)

1 Yellow magnesian sandstone with dendr. manganese.
2 Fibrous carbonate of lime.
3 Coarse sandstone grit.
4 Yellow manganese clay.
5 Jaspery clay ironstone.
6 Botryoidal manganese.
7 Iron stone apparently bearing the impression of the bark of a tree.
8 Clay ironstone with fossil zamia stem. ?
9 Portion of a fossil palm.
10 Jaspery clay iron-stone apparently fossil wood (exogenous.)
11 Silicified wood (apparently endogenous.)
12 Fossil wood ? impregnated with lime.
13 Fossil branch of a tree impregnated with lime and clay (recent.)
14 Sandstone containing fossil bone.
15 Sandstone with calcareous spar & fossil bone.
16 Pieces of fossil bone.
17 Concretionary lime.
18 Portions of large fossil ostrea.
19 Fossil turritella monilifera.
20 Mass of fossil ostreas with broken pieces of cardium venus &c., and black silicified wood.
21 Pleurotomaria.
22 Murex.
23 Vermetus.
24 Mass containing broken pieces of cardium dentalium or ditrupa longissima.
25 Turbinolia.
26 Brissus inæqualis.
27 Pecten.
28 Conus.
29 Cardium.
30 Conus small.
31 Cardium altum.
32 Arca.
33 Silicified ostrea.
34 Cardita, do.
35 Trochus.

Salem.

1 Chromate of iron from the Chalk hills 3 miles from Salem, first discovered by M. Heath Esq.
2 Octohedral iron ore from Razeepore.
3 Coarse iron sand, rich in the metal. Mr. Causaker
4 Chrome ore in small pieces.
5 White chalky kaolin.
6 Fine iron sand, rich in the metal.
7 Rusty iron sand, rich in the metal.
8 Iron bloom in the first stage.
9 Iron bloom in the second stage.
10 Iron sand in fine grains from Sashagherry
11 Coarse iron sand, rich in the metal.
12 Coralline lime.
13 Pebbles of compact chlorite.
14 Corundum in fine crystals from Messrs. Fischer and Co.

Tanjore.

(*T. Kistna Row.*)

1 Mica schist from Boodaloor.
2 Grey marl from Putnum.
3 Lithomarge from Gundracotah.
4 Pink lithomarge.
5 Dark brown clay from the Trivady talook.
6 Tough brown potters clay. Sheally talook.

7 Tough brown potters clay from Codancootity padoogay. Trivady talook.
8 White kaolin from Vellum.
9 Red ochre (with salt crust) from Vellum.
10 White quartz.
11 White crystal from Vellum.

Tinnevelly.

(*Meeranjee Miah.*)

Red garnet sand used for polishing metals.
Black iron sand fit for making steel.
Large grained white sand fit for making glass.

Trichinopoly.

(*Madras School of Arts.*)

The following fossils are from Ootatoor near Trichinopoly.

Ammonites obtusus embedded in purple haematite and Crystalline gypsum.
Ammonites Gaudama.
Ammonites Brahma.
Ammonites Siva.
Ammonites Ganesa.
Ammonites Indra.
Ammonites Egertoni.
Ammonites giganteus.
Ammonites variocostatus.
Ammonites armatus.
Ammonites nodusus.
Ammonites heterophyllus.
Bacculite.
Belemnites.
Nautilus.
Fossil wood. Endogenous.
Ammonites obtusus.
Ammonites varicosus.
Ammonites striatus.
Hamites subcompressus.
Hamites tenuisulcatus.
Hamites rugatus.
Scaphites.
Portion of fossil bone, apparently the angle of a lower maxilla.
Fossil teeth of a Megalosaurus.
Gigantic hamite.

Accompanying Strata.

Fibrous gypsum.
Radiated sulphate of baryta.
Sand stone and clay iron stone.

Travancore.

(*Local Committee.*)

Minerals and metallic substances.

3138 Iron Sand.
3139 Iron Stone.
3140 Iron Stone another sort.
3141 Iron Slag.
3142 Iron slag another sort.
3143 Plumbago.
3144 Plumbago stone and stone.
3145 Plumbago sand.
3146 Iron made from stone.
3147 Iron made from sand.
3148 Quartz cleaned.
3149 Quartz uncleaned.
3150 Mineral Dammer from earth.
3151 Red Ochre.
3152 Yellow Ochre.
3153 Charcoal dug from Verkullay.
3154 Do. do. 2d sort.
3155 Charcoal.
3156 Sulphate of Iron.
3157 Do.
3158 Do.
3159 Mica.
3160 Cape Comorin red sand.
3161 Do. black sand.

Materials employed in Architecture and Engineering, &c.

3162 Potters clay.
3163 Black clay.
3164 White clay.
3165 Another kind of white clay from Verkullay.
3166 A species of red ochre from do.
3167 A species of yellow ochre. do.
3168 Limestone.
3169 Lime from stone.
3170 Iron bloom.
3171 Granite.
3172 Granite smoothed.
3173 Do. do.
3174 White Granite.
3175 White Granite smoothed.
3176 Dark white Granite.
3177 Do. do. smoothed.
3178 Black Granite.
3179 Do. do. smoothed.
3180 Green Granite.
3181 Narricul.
3182 Narricul smoothed.
3183 Hard white stone.
3184 do. smoothed.
3115 Ferruginous sand stone.

South Arcot.

(*Arthur Hall, Esq.*)

Amonites Krishna.
Amonites Indra.
Nautilus.
Nautilus.
Hamites tenuisulcatus.
Bacculites vagina.
Bacculites teres.
Dentalium hamatum.
Pleurotomaria Verdachelensis.
Arca brahminica.
Arca Japetica.
Arca gamana.
Arca Trichinopolitensis.
Cardium altum.
Cardium incomptum.
Cardium bisectum.
Isocardia sulisinuata.
Terebratula arabilis.
Panopoca orientalis.
Gryphæa stomatoidea.
Ostrea tegulanea.
Turritella monilifera.
Rostellaria palliata.
Triton.
Natica Saturnalis.
Natica obliquistriata.

Nereta ornata. Nereta compacta.
Nerata minuta.
Nereta oviformis.
Voluta pyriformis.
Voluta Citharina.
Voluta purpuriformis.
Voluta ?

Cypræa Kayii.
Fistulana aspergilloides.
Cladocora.
Turbinolia Arcotensis.
Brissus rana.
Nucleolites testudo.

(*End of Class I.*)

ALEX. HUNTER.

CLASS II.

CHEMICAL AND PHARMACEUTICAL PROCESSES AND PRODUCTS GENERALLY.

SECTION I.

CHEMICAL AND PHARMACEUTICAL PRODUCTS DERIVED FROM THE MINERAL KINGDOM.

NOTE.—Many of these minerals are not used in European chemistry or pharmacy, but being sent as medicines by the exhibitors, they are inserted under this head.

Agalmatalite.

6614 Agalmatalite, the figure stone of the Chinese. Hydrabad. Dr. Smith.

Alum.

8215 Alum, Rs. 2-10 per maund. Kurnool.
5077 Alum, used for dying chintz. Tanjore. G. J. Beauchamp, Esq.
6614 Alum white, [suffeid putuckrie.) Hydrabad. Dr. Smith.
6614 Alum pink, [Shub soork.] Do. do.
6614 Alum yellow, [Shibbah zurd.] Do. do.
6614 Alum, [Payah Guzeratie.] Do. do.
8756 Alum. Kurnool. Dr. Drew.

Asbestos.

275 Kull-nar. Bangalore. Dr. Kirkpatrick.
1608 Asbestos. Bellary. Local Committee.

Antimony.

6614 Antimony. [Sung-soorma.] Hydrabad. Dr. Smith.

Armenian bole and clays.

6614 Armenian bole, red. [Gil Armanie.] Hydrabad. Dr. Smith.
6614 Armenian bole, white. (Bora Armanie.) Do.
6614 Lithomarge, pipe and cake. [Gil muctoom.]
6614 Lithomarge, lump. [Puckhan baid.] Do.
6614 Kaolin. Do. do.
6614 Clay with impressions of shells [Gill-e-Mooltanie.] do. do.
6614 Yellow ochre. (Gill kabrassy.) Do.
6614 Clay. Hydrabad.
6910 "Mjaithingay" or clay containing much iron, eaten by the Burmese women. Pegu. Dr. Brandis.
Kaolin. Hydrabad. Capt. Taylor.

Arsenic.

6614 Arsenic yellow. [Soombool zurd.] Hydrabad. Dr. Smith.
6614 Arsenic white. [Soombool sooffeid.] (*Arsenious acid.*) Do.
6614 Arsenic red. [Soombool surkh.] (*Bisulphuret of arsenic.*) Do.
6614 Orpiment. [Zurnaik rasee.] (*Tersulphuret of arsenic.*) Do.
8911 "Tsay-dau," or ter-sulphuret of Arsenic. used as a yellow paint in Burmah. Dr. Brandis.

Bamboo salt.

6614 Bamboo salt. Tabasheer. Hydrabad. Dr. Smith.
8204 Bamboo salt. Kurnool.
8756 Bamboo salt. Kurnool. Dr. Drew.
232 Bamboo salt. Bangalore. Dr. Kirkpatrick.

Borax.

6614 Borax. Sowhaga soofeid. Hydrabad. Dr. Smith.
6614 Borax. Sowhaga tailia. Do. do.
8411 Borax refined at Pilibheet. Calcutta. Claud. H. Brown, Esq.
8412 Pure tincal. Do. do.

Calcis carbonas.

6614 Carbonate of lime. Shairudsee. Hydrabad. Dr. Smith.
6614 Rhomb spar, pure Carbonate of lime. Sung silajeet. Do. do.
6604 Fossil seeds. Hujrool yahood. Do. do.

Cupri acetate.

Jungle putcha or verdigris. Kurnool.

Cupri sulphas.

6614 Cupri sulphas. Neela thoota. Hydrabad. Dr. Smith.
Sulphate of copper. Hydrabad. Captain Taylor.
8174 Cupri sulphas. Kurnool.

Ferri sulphas.

6614 Sulphate of iron. Kasees-subz. Hydrabad. Dr. Smith.
9178 Copperas. Poodoocotta. Ramchundra Tondiman Bahadoor.
9179 Fleshy copperas. Do. do.
269 Ferri sulph. Annabadie. Bangalore. Dr. Kirkpatrick.
Green vitriol. Hydrabad.

Hydrargyri bi-sulphuretum.

6614 Bi-sulphuret of Mercury. Shungruff. Hydrabad. Dr. Smith.

Hydrargyri——?

(*Compounds of Mercury with other substances—much used in native medicine.*)

6614 Ruscapoor. Hydrabad. Dr. Smith.
6614 Ruscapoor makoodie. Do. do.
5163 Ruscapoor. Tanjore. Ramoopillay.
5166 Ruscapoor. Tanjore. Shevasapillay.
6614 Russcendoor. Hydrabad. Dr. Smith.
5163 Russa sendoor. Tanjore. Ramoo pillay.
5166 Russa sendoor. Tanjore. Shevapillay.
6614 Fused cinnabar. Hydrabad. Dr. Smith.

Hydrochloric acid.

7595 Muriatic acid. sp. gr. 1,200, price per lb. Rs. 1¼. Madras. G. Bauloo Mdly.

Hydrochlorate of Ammonia or Sal ammoniac.

1106 Navacharum. Vizianagarum.
6614 Nowshadur. Hydrabad. Dr. Smith.
8229 Sal Ammoniac. Kurnool.

Loadstone.

274 Loadstone. Bangalore. Dr. Kirkpatrick.

Mica.

6614 Abruc soofeid. Hydrabad. Dr. Smith.
6614 Micaceous slate. Krishna abruc. Do.
271 Mica. Bangalore. D. Kirkpatrick.
276 Green mica schist. Do. do.
1674 Mica. Krishna abruc. Bellary. Loc. Com.

Mineral water.

8681 Water from the thermal springs in the Saugur talook of the Nuggur division of Mysore. H. R. Oswald, Esq. M. D.

Plumbum.

6614 Red lead. (*Pl. oxid : rubrum.*) Saindoor. Hydrabad. D. Smith.
6614 White lead. (*Pl. carbonas.*) Soophaida. Do.
6614 Litharge. Moordar sing. Do. do.
8152 Litharge. Kurnool.

Potash.

1613 Potash. Bellary. Loc. Com.

Salt.

Salt. Tanjore. Hurry Row,
4039 Salt. Masulipatam. E. Fraser Esq.
796 Salt. Chingleput. Armooga Mdly.
8162 Salt. Kurnool. Numuck sendha.
Salt. Malabar.
9182 Salt. Poodoocotta.
Common salt. S. Berar. Dr. Smith.
Salt, first second and third qualities from the brine spring at Dyhunda. N. Berar. do.
Salt, first second and third qualities from the brine spring at Akote. S. Berar. Do.
3596 Salt from Tawaracoopum. Travancore.
5357 Salt.
Water from salt springs near Prome. Pegu. Col Woods.
6614 Salt crystalized. Neemuk samber. Hydrabad D. Smith.
6614 Rock salt. Neemuck Lahoorie. Do.
277 Rock salt. Bangalore. Dr. Kirkpatrick.
1371 Saline earth from which salt is usually manufactured. Bellary. Local Committee.
1372 & 1696. Salt manufactured from saline earth in the same way as the saltpetre, only that in this case the water is not boiled. It is extensively consumed in the district although the natives prefer sea salt which is more expensive. Do. do.

Saltpetre.

8050 Saltpetre. Chinglcput. Loc. Com.
Saltpetre from Nulgoonda and Wurrungul. Hydrabad.
Nitre from Chudderghaut. Hydrabad. Mr. de Lanney.
2948 Saltpetre. Coimbatore.
3093 Saltpetre. Coimbatore.
42 Saltpetre, 4 Rs. per maund. Kurnool.
8914 Saltpetre. Pegu. D. Brandis.
5094 Saltpetre. Tanjore. Mr. W. D. Kohlhoff.
5699 Saltpetre made at Ealamookala in the Ongole talook. Nellore. A prize product from the provincial Exhibition. Revenue Board.
2519 Saltpetre. Tanjore. Hurry row.
3596 Saltpetre from Tamaracoopum. Travancore.
5881 S. American Saltpetre or nitrate of soda. Madras, Chamber of Commerce.
5882 Calcutta saltpetre. Do. do.
6852 Saltpetre. Salem. Messrs. Fischer & Co.
8914 " Zan-zing" or Saltpetre. Pegu. Dr. Brandis.
6614 Saltpetre. Shora kulmic. Hydrabad. Dr. Smith.
1369 Saltpetre 1st sort. Bellary. Loc. Com.
1370 Saltpetre 2nd sort. " This district is very favorable for the manufacture of saltpetre. The earth is put into pits and mixed with salt water. The solution is drawn off into earthen pots, boiled, and afterwards poured into shallow vessels to crystalize. do. do.
1367 Nitrate of soda. Bellary, Local Committee.
Saltpetre. Major Simpson. Powder mills.
8159 Sal pruncila. (fused saltpetre.) Kurnool.

Satin spar.

6614 Sung paletha. Hydrabad. Dr. Smith.

Sodæ carbonas &c.

6614 Chowde kar. (Chlor. Sodium & sulph soda.)
6614 Nimuck dulla (Sesqui-carbonate of soda) from the Koonar lake. Hydrabad. Dr. Smith.
5614 Papud kar. Dr. Smith.
Sub-carbonate of soda, a sort of Khar. Hydrabad. Kunniah.
Glaubers salts. do. do.
7962 Crystalized carbonate of soda prepared from Dhobies earth. Madras. G. Baloo Mdly.
7961 Dry carbonate of Soda. Annas 4 per lb. Madras. G. Baloo Mdly.
9180 Dhobies earth for making soap and Bangles Poodoocotta. Ramchundra Tondiman Bahadoor.
Dhobies earth. Hydrabad. Capt. Taylor.
273 Vulleel oopoo. Bangalore. Dr. Kirkpatrick.
1368 Carbonate of soda. Bellary. Local Committee.

Sodium, chloride of.

270 Earth salt impure. Bangalore. Dr. Kirkpatrick.

Sulphur.

6614 Sulphur. Gunduck. Hydrabad. Dr. Smith
6614 Native sulphur and clay. Rasees zurd.
8909 Burmese sulphur. Pegu. Dr. Brandis.

Tartar.

6614 Tartar. Nimuk ungoor. Hydrabad. Dr. Smith.

Zinc.

6614 Oxide of Zinc. Zung bussree. Hydrabad. Dr. Smith.

Dr. Jesudasen.

(Native surgeon.)

(The following list is supposed to contain a complete series of the mineral drugs used by Native practitioners, the diseases in which they are usually administered are also specified.)

691 Alumen plumosum. Kulmathum. Refrigerant, diuretic.)
555 Alum. Padikarum. Astringent and diuretic.
538 Antimony. Soorma or Unjanakul. Used as an emetic.
539 Amber. Umber. Stimulant.
540 Amber burnt. Sootta amber. Do.
541 Amber. Sany amber. Do.
543 Arseuicum flavum, sulphuret of arsenic. Auritharum. Used to check obstinate intermittant fevers and in glandular complaints, in apopletic attacks, and in certain leprous affections.
544 Arsenicum auri pigmentum. Ponnaritharum. Used for the same purposes as the preceeding.
545 Asenicum oxidum album. Vellapashanum. Used for the same purposes as the preceeding.
546 Arsenicum. Yellow sulphuret of arsenic. Thalagam. Do. do.
547 Arsenicum rubrum. Kootherapaul pashanum. Do. do.
548 Arsenicum. A kind of Orpiment, Seppothotty pashanum. Do. do.
549 Arsenicum. Manoselay. Do. do.
550 Armenian Bole from China. Seemay Kavieculloo. Refrigerant.
551 Armenian Bole, country. Nauttoo Kavieculloo. Refrigerant.
Asbestos. Kalipaukoo. Laxative.
569 Asbestos. Kulnar. Tonic, refrigerant.
570 Asphalthum. Mommayee. Used as an anodyne to painful parts.
600 Boothathumberan. Boothathumberan. Given after childbirth.
552 Bismuth. Vungala nemalay. Tonic.
553 Borax. Venkarum. Diuretic.
554 Calcis carbonas, chalk. Scema chunamboo. Astringent.
556 Copper, acetate of. Paulthootum. Astringent and tonic.
557 Copper, blue carbonate of. Lalajavurthoo Carminative, used with other drugs.
560 Cidiaris. Asuralivooth. Used in Tetanus, tonic and stimulant.
561 Cinnabar, manufactured. Lingum. Used in fever and rheumatism.
564 Copper, sulphate of. Thoothum. Tonic, astringent.
563 Fel Vitri. Valielooppoo. Carminative.
571 Gypsum. Kurpoora selasithoo. Refrigerant, Tonic.
566 Hydrargyri bichloridum. Suvveerum. Purgative, used in rheumatism.
568 Inkilikum. Inkilikum. Stimulant.
576 Iron, sulphate of. Annabathee. Tonic.
567 Jarmohora. Jarmohora. Tonic.
572 Kashi noray. Kashi noray. Diuretic.
573 Lead. Kareeum. Employed in glazing white porcelain.
699 Lead, red oxide of. Eeasendoorum. Used in making plasters.
588 Litharge. Meeroothar sing. Used in making plasters.
574 Load stone flat. Palavacanthum. Tonic and diuretic.
575 Lime stone. Sookkan culloo. Expectorant.
593 Mica. Appragum.
594 Mica of yellow colour. Yema appragum.
595 Mica of black colour. Kistna appragum.
596 Magnetic iron stone. Kul kaunthum. Used in anæmia and gastritis.
584 Nauganum. Nauganum. Used as Liniment in headache.
591 Onyx. Komathags selasittoo. Refrigerant
590 Potassa nitras. Potool oopoo. Diuretic. refrigerant.
583 Palakaroodakul. Palkaroodakul.
577 Rock salt. Inthuppoo. Carminative.
578 Red precipitate, Native preparation. Rassasendooram. Used as Calomel.
579 Rassacurpooram. Rassacurpooram. A sort of muriate of mercury, used in leprosy.
562 Soap earth. Pooneeroo. Diuretic.
586 Soap earth, a kind of. Appilakarum. Containing saltness or acidity mixed with sharpness.
589 Salt, black. Caroopoo oppoo. Carminative.
597 Sal Ammoniac. Navacharum. Stimulant.
443 Sodæ Carbonas, impura. Pooneeroopoo, Used in combination with other medicines.
580 Sulphur. Kenthagum. Used in Cutaneous diseases and rheumatism, refrigerant.
581 Sulphur purified. Soothe kenthagum. Do.
582 Sungoo ashum. Sungoo ashum. Tonic.
592 Sathanuj. Sathanuj. Used in Diabetes, Tonic.
Tabasheer. Moongiloopoo. Carminative.
585 Zinc, sulphate of. Sathy paul thoothum. Tonic astringent.
598 Zinc. Naugam. Used in opthalmia as an Ointment.

Dr. Flynn.

Alkaline preparations.

7655 Potass from Saltpetre and Charcoal.
7656 Carbonate of Potass.
7657 Bicarbonate of Potass.
7658 Acetate of Potass.
7659 Sulphate of Potass.
7660 Soda from Dhobey's earth.
7661 Carbonate of Soda.
7662 Sesquicarbonate of Soda.
7663 Acetate of Soda.
7664 Sulphate of Soda—refuse of the manufacture of Hydrochloric Acid.
7665 Ammonia.
7666 Sal-ammoniac purified from the Bazar article
7667 Liquor Ammoniæ.
7668 Carbonate of Ammonia.
7669 Sal Volatile.
7670 Soaps, Plain and Toilet.

Alkaline Earths.

7671 Heavy Spar.
7672 Nitrate of Baryta.
7673 Muriate of Baryta.

7677 Sweet spirits of nitre.
7678 Sulphuric Æther.

Mercurial preparations.

7680 Grey Powder.
7681 Blue Pill.

7682 Blue Ointment.
7683 Citrine Ointment.
7684 Protoiodide of Mercury.

Antimonial preparations from the country black Antimony.

7688 Oxysulphuret of Antimony.
7689 Compound Antimonial Powder.

Iron preparations.

7690 Sesquioxide of Iron.
7691 Sulphate of Iron.

Mineral Acids.

7698 Nitric Acid from Saltpetre.
7699 Muriatic Acid from common salt.

Photographic preparations.

7701 Nitrate of silver crystals.
7701 Sulphate of Iron.

(*Mr. Cleaves.*)

Photographic preparations.

7714 Sulphuric Æther.
1715 Nitric Acid.

Madura.

(*Veedapoongun exhibitor.*)

1237 Cupri sulphas. Neela thoota. Madura. Veedapoongun.

1237 Navacharum. Madura.

1237 Sulphur native. Nellacoy gundagum. Madura.

1237 Chalk. Madura.

1237 Clay. Koroasany. Madura.

1237 Black salt. Inthoopoo. Madura. Veedapoongun.

1237 Ruskapoor. Madura.

1237 Arsenic, sulphate and sulphuret. Madura. Veedapoongun.

1237 Corrosive sublimate. Madura. Veedapoongun.

1237 Sal ammoniac. Madura.

1237 Mica. Abracum. Madura.

SOAPS.

NOTE.—Soaps are usually included with Perfumery in Class XXIX. but their uses in a sanitary point of view are so important, that they are considered to form a part of this class also.

Soap.

5093 Illoopoo soap. Tanjore. Mr. Kohlhoff.
5090 Illoopoo soap. Tanjore. Mr. Prudhomme.
Soap. Tanjore. Davasee pillay.
8688 Cocoanut oil soap. Madras Commissariat.
6965 Soap, largely manufactured for exportation at Tranquebar. Hamlin Nott, Esq., Civil Surgeon.
Soap. Hydrabad. Captain Taylor. Deputy Commissioner.
5163 Sowcarum, or native soap. Tanjore. Ramoopilly.
5166 Sowcarum. Tanjore. Shevasapilly

(*Dr. G. W. Flynn.*)

7705 Brown Windsor soap.
7706 Honey soap.
7709 Frangipani soap.
7710 Palmine from Castor oil. Makes a good grease

(*G. Bauloo Moodelly.*)

7963 Marine soap, annas 8 per lb.
7964 Illupie oil soap made with the above refined soda, annas 6 per lb.
7965 Curd soap, annas 10 per lb.
7966 Scented soap, annas 4 per cake.
7967 Transparent soap.

SECTION II.

Chemical and Pharmaceutical products derived from the Vegetable kingdom.

Bangalore.

(Dr. Kirkpatrick.)

(The numbers given are those of the Exhibitor's own list.)

65 Abrus precatorius. Coondamunnie leaves.
66 Abrus precatorius. Jamaica liquorice root.
71 Acacia arabica. Gum arabic.
72 Acacia arabica. Karoovailam seed.
73 Acacia arabica. Babool bark.
74 Acacia catechu. Catechu.
70 Acacia —— ? Gum arabic.
123 Achyranthes aspera. Navoorie seed.
130 Achyranthes aspera. Nai-vooroonie root.
226 Acorus calamus. Sweet flag.
37 Ægle marmelos. Bael fruit.
38 Ægle marmelos. Bael bark.
231 Agrostis linearis. Vullay aragoo.
247 Ailanthus excelsa. Perumarathoo bark.
105 Alangium decapetalum. Allinjee seed.
106 Alangium decapetalum. Allinjee puttay.
237 Allium cepa. Onion seed.
238 Aloe indica. Aloes.
236 Alpinia galauga. Paer aruttay.
18 Anamarita cocculus. Cakoo-marie seed.
229 Andropogon muricatus. Khus khus.
133 Anethum graveolens. Dill seed.
175 Anisomeles Malabarica. Peemayruttee.
17 Anona reticulata. Custard apple seed.
94 Anthylus indica. [Aspalathus Indicus ?] Seevanar vaimboo.
230 Areca catechu. Areca nut.
9 Argemone Mexicana. Bilmaracasie seed.
207 Aristolochia bracteata. Addinapala.
208 Aristolochia. (?) Vesheiputhree.
209 Aristolochia —— ? Poodooputhrie.
210 Aristolochia bracteata. Addiva pulla.
211 Aristolochia Indica. Snake root.
212 Aristolochia —— ? Snake root, given by the natives as a valuable remedy in snake bites.
140 Artemisia Indica. Indian wormwood.
225 Arum macrorhizon. Villung root.
154 Asclepias curassavica. A flowering shrub in Bangalore and wild in Nuggur.
239 Asparagus sarmentosus. Soofeid moolie.
173 Asteracantha longifolia. Neermoolie.
174 Asteracantha longifolia. Neermoolie.
43 Azadirachta indica. Neem bark.
44 Azadirachta indica. Margosa gum.
45 Azadirachta indica. Neem seed.
109 Barringtonia speciosa. Samoodra pullum.
145 Bassia longifolia. Illoopoo bark.
146 Bassia longifolia. Eloopai flowers.
103 Bauhinia tomentosa. Caat attie flower.
36 Bergera kœnigii. Curry leaf.
188 Boerhavia diffusa. Mookaruttee vayr.
32 Bombax pentandrum. Silk cotton tree gum.
124 Bryonia epigœa. Kolung-kovay root.
125 Bryonia callosa. Toomtee kai.
126 Bryonia scabra. Rough bryony.
127 Bryonia grandis. Coday root.
63 Butea frondosa. Pulas fruit.
62 Butea frondosa. Pulas leaves.
64 Butea frondosa. Kino.
85 Cœsalpinia coriaria. Sumach.
88 Cœsalpinia sappan. Sappan wood.
241 Calamus rotang. Rattan root.
108 Calyptranthes jambolana. Surkolum seed.
112 Calyptranthes caryophyllifolia. Nawul bark.
155 Calotropis gigantea. Yercum root.
224 Cannabis sativa. Gaujah.
166 Capsicum annuum. Chillies.
41 Cardiospermum halicacabum. Moodoocotan.
139 Carthamus tinctorius. Safflower.
77 Cassia fistula.
78 Cassia senna. Senna leaf.
79 Cassia alata. Ringworm leaf.
80 Cassia auriculata. Avary bark.
81 Cassia auriculata. Ummera seed.
82 Cassia auriculata. Avary leaves.
83 Cassia tora. Kaat tagarie twigs.
84 Cassia tora. Kaat tagarie seed.
50 Celastrus nutans. Walloolooway.
189 Chenopodium album. Purpoopeeray seed.
193 Cinnamomum iners. Cassia buds.
34 Citrus limonum, Lime seeds.
35 Citrus aurantium. Orange peel.
92 Clitorea ternatea. Karkakartan seed.
93 Clitorea ternatea. Karkakartan root.
181 Convolvulus speciosa. Samoodra seed.
182 Convolvulus speciosa. Samithra leaf.
183 Convolvulus turpethum. Shevadie vayr.
135 Coriandrum sativum. Kotamullie verie.
96 Coronilla grandiflora. Agathee poo.
242 Coscinium fenestratum. Tree turmeric.
20 Cratœva tapia. Mavalungum bark.
97 Crotalaria verrucosa. Vutta kilkiliepay.
97 Crotalaria juncea. Indian hemp.
197 Croton tiglium. Croton seeds.
119 Cucumis Colocynthus. Colocynth.
120 Cucurbita citrullus. Water melon seed.
121 Cucumis sativa. Cucumber seed.
122 Cucumis utilissimus. Cucumber seed.
123 Cucumis acutangulus. Caat peekin kai.
134 Cuminum cyminum. Cumin seeds.
240 Curculigo orchioides. Nilahpanay root.
203 Curcas purgans. Caat amunak.
234 Curcuma zedoaria. Zedoary root.
153 Cynanchum extensum. Vaylie partie.
227 Cyperus junciofolius. Kara root.
228 Cyperus stoloniferus. Jatamamsee root.
101 Dalbergia arborea. Poonga wood.
157 Datura fastuosa. Oomatie seed.
67 Dolichos pruriens. Cowhage.
235 Elettaria cardamomum. Cardamoms.
245 Embelia ribes. Vai-vellungum.
194 Emblica officinalis. Nellie kai.
195 Emblica officinalis. Nellay bark.
206 Euphorbia tirucalli. Milk hedge bark.
185 Evolvulus alsinoides. Vishtnoo erandie.
159 Exacum bicolor. Nella vaimboo.
39 Feronia elephantum. Wood apple gum.
218 Ficus Indica. Great Banyan seed.
219 Ficus Indica. Alada bark.
222 Ficus racemosa. Wild fig seed.
222 Ficus racemosa. Wild fig bark.
220 Ficus religiosa. Sacred fig tree seed.
221 Ficus religiosa. Sacred fig tree bark.
59 Galega spinosa. Mookamullie.

40 Garcinia pictoria. Gamboge.
267 Gardenia gummifera. Dikkamaly.
137 Gardenia dumetorum.
26 Gossypium herbaceum. Cotton seed.
89 Guilandina bonduc. Bonduc nut.
90 Guilandina bonduc. Bonduc root.
91 Guilandina bonduc. Bonduc leaves.
142 Guizotia oleifera. Ramtill.
2 Helleborus niger? Kadagaroganie.
158 Hemidesmus Indicus. Country Sarsaparilla.
28 Hibiscus rosa chinensis. Shoe flower leaves.
143 Hispida spermacosa. Shaggy button weed.
21 Hydnocarpus inebrians. Neeradimootoo.
136 Hydrocotyle Asiatica. Vullaray leaves.
168 Hyoscyamus niger. Henbane seed.
60 Indigofera anil. Averei seed.
61 Indigofera anil. Neelie root.
75 Inga species. Inga fruit.
33 Isora corylifolia. Valumbrikai.
204 Jatropha glandulifera.
205 Jatropha multifida. Coral plant nut.
263 Lac.
138 Lactuca sativa. Garden lettuce.
117 Lagenaria vulgaris. White gourd seed.
118 Lagenaria vulgaris. Nulla toombee root.
191 Laurus cinnamomum. Cinnamon leaf.
192 Laurus cassia. Coarse cinnamon.
104 Lawsonia inermis. Maroodoondie.
13 Lepidium sativum or Arabis chinensis. Garden cress seed.
243 Lichen. Kull poo.
24 Linum usitatissimum. Lint seed.
55 Mangifera Indica. Mango seed.
56 Mangifera Indica. Mango bark.
46 Melia azadirach. Hill margosa bark.
19 Menispermum cordifolium. Shendie codie.
176 Mentha sativa. Mint.
14 Michelia chumpaca. Chumpaca bud.
15 Michelia chumpaca. Chumpaca root.
16 Michelia ——— ? Mahratta muggoo.
76 Mimosa abstergens. Seekakai.
57 Moringa pterygosperma. Mooringa seed.
6 Nymphœa. Lotus.
7 Nelumbium speciosum. Lotus flower.
8 Nelumbium speciosum. Lotus seed.
1 Nigella sativa. Kurrun seeragum.
177 Ocimum basilicum. Sweet basil.
178 Ocimum sanctum, Toolsie root.
178 Ocimum sanctum. Toolsie seed.
180 Ocymum album. White basil.
52 Odina wodier. Odina bark.
5 Opium.
3 Papaver somniferum. Poppy heads.
4 Papaver somniferum. Poppy seed.
29 Pavonia adorata. Peeramootie.
171 Pedalium murex. Ananeringe.
184 Pharbitis cœrulia. Gowrie seed.
23 Pharnaceum cerviana. Purpadaghum.
196 Phyllanthus neruri. Kilanelly.
165 Physalis flexuosus. Amkoolung root.
132 Pimpinella anisum. Anise seed.
214 Piper nigrum. Black pepper.
215 Piper nigrum root. Pepper tree root.
216 Piper longum. Long pepper.
217 Piper decorticatum. White pepper.
53 Pistacia lentiscus. Mastic.
187 Plantago ispagula. Ispogal verie.
186 Plumbago Zeylanica. Chittramoolum.
107 Pongamia glabra. Poonga verei.
95 Psoralea corylifolia. Karapoongee seed.
68 Pterocarpus marsupium. Kino.
69 Pterocarpus santalinus. Chundanum wood.
131 Ptychotis ajowan. Bishops weed seed.
246 Putrunjiva Roxburghii. Pootroojee seed.
110 Punica granatum. Pomegranate bark.
111 Punica granatum. Pomegranate root.
12 Raphanus sativus. Radish seed.
199 Ricinus communis, fructibus majoribus.
200 Ricinus communis, fructibus minoribus.
201 & 202 Ricinus communius, fr. maj.
198 Ricinus communis, fructibus minoribus.
48 Rosa canina. Dog rose leaves.
213 Rottleria tinctoria. Capala rung.
48 Ruta angustifolia. Rue berries.
190 Santalum album. Sandalwood.
42 Sapindus emarginatus. Soap nut.
54 Semecarpus anacardium. Marking nut.
162 Sesamum orientale. Gingeley seed.
107 Sethia Indica or Erythroxylon areolatum. Devadari wood.
30 Shorea robusta? Black Dammer.
25 Sida——? Thoothee seed.
10 Sinapis nigra. Black mustard seed.
11 Sinapis alba. White mustard.
160 Solanum melongena. Brinjall seed.
161 Solanum nigrum. Moolagoo taccarie.
162 Solanum trilobatum. Todavully root.
163 Solanum jacquini. Kundungathrie root.
164 Solanum ——— ? Papee moolie.
244 Solanum ——— ? Rhenkai.
148 Strychnos nux vomica. Yettie bark.
147 Strychnos nux vomica. Yettie seed.
149 Strychnos potatorum. Clearing nut.
47 Swietenia febrifuga. Chembooram puttay.
86 Tamarindus Indica. Tamarind stones.
87 Tamarindus Indica. Tamarind bark.
113 Terminalia chebula. Huldekai.
114 Terminalia chebula. Unripe myrabolans.
215 Terminalia chebula. Huldee kai.
116 Terminalia bellerica. Tanikai.
27 Thespesia populnea. Portia bark.
250 Thevetia neriifolia. Exile plant.
49 Todalea aculeata. Mola karunny root.
128 Trichosanthes lacinosa. Papoondee.
58 Trigonella fœnum græcum. Fœnugreek.
156 Tylophra asthmatica. Nunjanatha nayr.
Tribulus terrestris. Sirroo neringee.
31 Vateria Indica. Piney resin or white dammer
149 Vernonia anthelmintica. Purple fleabane.
170 Vervena nodiflora. Poodootalie.
22 Viola suffruticosa. Woralay jomarae.
172 Vitex trifolia. Noochie plant.
150 Wrightia antidyseuterica. Rosebay seed.
151 Wrightia antidysenterica leaves.
152 Wrightia antidysenterica. Rosebay bark.
233 Zinziber officinalis. Dried ginger.
51 Zizyphus jujuba. Zizyphus bark.

(Unclassified.)

255 Attie vedyum. (Aconitum?)
266 Caat coomlay nayr.
264 Caat pavoy root.
251 Chowry pullum.
259 Hitchie puttay.
248 Kicholey root.
265 Kooroo vayr.
257 Kooroo mootoo or Pomoostie root.
100 Kurroo shembay flower.

261 Kursulla kunnie.
249 Moongah chuckay.
262 Odunthee soopoo.
260 Putchellay.
252 Rutta boodalum.
256 Shagum voyr.
258 Shavapoo puttay.
100 Somithee poloo.
253 Thoushee puttay.
254 Vellay chutauey vayr.

Bellary.

(*Various exhibitors.*)

(The uses of the various medicines are those given by the Exhibitors.)

1679 Abelmoschus —— ? Gunpoodoo.
1680 Abelmoschus —— ? Adeevee benda.
1566 Abrus precatorius, wild liquorice, black seed. Used with oil for curing bald head.
1565 Abrus precatorius, wild liquorice, red seed. Used with oil for curing bald head.
1689 Acacia —— ? Adavee Toomakai.
1598 & 1606 Acacia gum. Indian gum arabic. Used for toothache and for renovating strength.
1648 & 1661 Acacia arabica. Babool bark.
1656 Achyranthes aspera.
1572 Achyranthes aspera. Given in coughs.
1614 Acorus calamus. Sweet flag.
1673 & 1675 Ægle marmelos. Bael seed.
1700 Agathotes chiritta. Chiritta.
1718 Ailanthus excelsa.
1639 Aloe —— ? Aloes.
1569 Alangium decapetalum. Used in liver complaints.
1682 Amaranthus. Adeevee thunda seed.
1662 Argemone Mexicana. Jamaica thistle.
1595 Aristolochia —— ? Gaudy birthwort.
1654 Aristolochia Indica. Indian birthwort.
1588 Artemisia. Wormwood seed. For removing heat of the system.
1555 Azadirachta Indica. Neem seed. For healing sores on the tongue.
1562 & 1641 Barleria longifolia. Neermoolie. For renovating strength.
1685 Barringtonia speciosa. Samoodra pullum. Used as a remedy for diseases of the eye.
1592 Bergera kœnigii. Curry leaf. For bilious complaints.
1559 Bryonia scabra. Ungara gudda seed. Given in fever.
1623 Cassia auriculata. Given to stop purging.
1711 Cassia auriculata. Tanghedo vittiloo.
1683 & 1692 Casia auriculata. Turwur flower.
1647 Cassia fistula. Purging cassia.
1649 Cassia senna. Senna leaves.
1561 Celastrus nutans. Guugoni seed. For allaying the heat of the system.
1538 Chenopodium album. Choonchoo seed.
1671 Chirongia sapida. Saraparappoo. For recruiting strength.
1591 Cinamomum iners. Nauga visirawloo. For purifying the blood.
1597 Cleome viscosa. Choory womum.
1576 Cleome viscosa. Vamita seed. For rheumatic complaints.
1573 Clitorea ternatea. Barikee vittiloo. For renovating strength.
1537 Cocculus Indicus. Cachoo vittiloo. For bilious complaints.
1669 Cocos nucifera. Cocoanut spathe.
1650 Coriandrum sativum. Coriander.
1723 Cosciuium fenestratum. Tree turmeric.
1556 Crotalaria juncea. Indian Hemp seed. For allaying purging.
1554 Cucumis acutangulus. Emetic.
1582 Cucumis colocynthus. Colocynth.
1553 Cucumis sativus. Cucumber seed. For diseases of the uriary organs.
1567 Cucurbita citrullus. Water melon seed. Administered in heart burn.
1548 Cucurbita pepo. Melon seed. For recruiting strength.
1543 Cucurbita lagenaria. Used with medicinal oils.
1540 & 1607 Cuminum cyminum. Gunjaroo vittiloo. In decoction for fever.
1626 Curculigo orchioides.
1617 & 1698 Cucumis angularis. Chatoo bearakaya or junglie tooray. Emetic.
1667 Cucurma longa. Turmeric.
1580 Cyperus juncifolius. Mat grass root. For fever.
1571 Datura. Duttoory seed. For cutaneous diseases.
1550 Dolichos pruriens. Cow-itch seed. For recruiting strength.
1585 Embelia ribes. Vayoo-velum or vaivullungum Given in rheumatism.
1630 Emblica officinalis. For removing heat of the system.
1645 & 1684 Emblica officiualis. Emblic myrobolan.
1612 Evolvulus alsinoides. For fever.
1659 Exacum bicolor. Nela vaimboo.
1703 Ficus. Juvee seed.
1706 & 1717 Ficus racemosa. Wild fig, seed and bark.
1693 Ficus religiosa. Fig seed.
1550 & 1716 Fungus.
1625 Gardenia dumetorum. Mungary kai.
1534 Guilandina bonduc. Bonduc nut. For fever and inflammation.
1594 Helianthus annuus. Sun flower. Given to renovate strength.
1652 Hemidesmus indicus. Country Sarsaparilla. For purifying the blood.
1574 Hibiscus.—— ? For stopping purging.
1575 Hydnocarpus inebrians. Caat badamy. For healing sores.
1533 Hydrocotyle asiatica. Used for removing heat of the system and in rheumatic complaints.
1600 and 1602 Hyoscyamus niger. Henbane. Given in liver complaints,
1593 Illicium anisatum. Star anise.
1539 Indigofera. Indigo seed. In decoction in fever.
1601 Indigofera. Indigo leaf. The juice is applied externally in rheumatism.
1584 Isora corylifolia. Vadamoora kai. For rheumatism,
1859 Justicia adhatoda, Malabar nut. Given in headache.
1568 Mangifera Indica. Mango seed. Given in dysentery.
1702 Mangifera Indica. Tender mango seed.
1611 Menispermum cordifolium. For fever.
1687 Mentha viridis. Mint leaf.
1538 Michelia champaca. Maraka vittiloo (buds.) For purifying the blood.

1678 Mimosa abstergens. Seekaya seed.
1651 Morinda citrifolia bark. For fever.
1552 Moringa pterygosperma. Moringay. For purifying the blood.
1618 Moringa pterygosperma. For recruiting strength.
1629 Nelumbium speciosum.
1725 Nelumbium speciosum. Lotus root.
1599 Nerium odorum. Oleander. Applied in cases of sore eyes.
1631 Nigella sativa. Sweet fennel.
1544 Ocimum basilicum.
1642 & 1653 Ocimum sanctum. Root.
1713 Orchis. Salep miserie.
1657 Pavonia Zeylanica. Chittamooty root.
1624 Pedalium murex. Prickly fruited Pedalium.
1596 Pharnaceum cerviana. Purpatakum.
1699 Phœnix sylvestris. Wild date seed.
1610 Physalis flexuosa. For fever.
1542 Pimpinella anisum. Anise seed. Stomachic.
1643 Piper longum. Pedda moolaga.
1660 Plumbago Zeylanica. Ceylon lead wort.
1546 Pootrunjiva Roxburghii. Pootrunjie seed. Mixed with other ingredients for allaying heat of the system.
1557 Psoralea corylifolia. Bavanchi seed. Used for healing itch.
1605 Ptychotis ajowan. Bishops weed seed. For indigestion &c.
1545 Raphanus sativus. Radish seed.
1676 Rubia munjista. Indian madder.
1701 Rumex acetosa? Sorrel.
1577 Sapindus emarginatus. Soap nut. For fever, headache, &c.
1620 Scilla officinalis? Wild onion.
1541 Semecarpus anacardium. Marking nut. Used as a caustic.
1578 Sinapis alba. White mustard. In Rheumatic complaints,
1697 Solanum———?
1640 Solanum sp. Sanookooloo.
1704 Solanum melongena. Brinjal seed.
1691 Spermacoce hispida. Nellie vittiloo.
1564 Sphœranthus Indicus. Tella goondi seed. Used in bilious complaints.
1646 Strychnos nux vomica. Yettie root.
1536 Strychnos nux vomica. Nux vomica. For rheumatic complaints.
1570 Strychnos potatorum. Clearing nut.
1714 Styrax Benzoin. Benzoin.
1668 Terminalia bellerica. Myrobolan seed. Emetic.
1581 & 2589 Terminalia chebula. Moonoota karakaya. For Inflammation.
1637 Tribulus terrestris. Prickly fruited Trisbulu.
1694 Nicotiana tabacum. Tobacco seed. For sores and ulcers.
1547 Vitex negundo. Noochie seed. For Rheumatism.
1622 Volkameria inermis. For Rheumatism.
1681 Wrightia antidysenterica. For removing heat.
1632 Zinziber officinalis. Ginger. Given in decoction.

(*Unclassified.*)

1664 Addevee yalakooloo.
1549 Beans. For recruiting strength.
1636 Boochuckra gudda.
1672 Boomy tooma seed.
1558 Buchala seed. Used in Dyspepsia. (Basella.)
1579 Budramoostilo. For fever.
1663 Cachurakaya gudda.
1719 Chathoo petla theaga.
1721 Checkool akoo.
1726 Chegata putta.
1728 Chettoo bashee.
1677 Chornum gudda.
1666 Elephant bonduc nut.
1634 Gauray pundoo.
1603 Goolesury poovooloo.
1586 Gooroomoodee akoo. In rheumatic complaints.
1720 Gunpoodoo theaga.
1688 Kala pippuloo.
1583 Marooloo mathungee kai. In rheumatic complaints.
1615 Mathungee akoo. For headache.
1563 Moodra benda seed. To stop purging.
1604 Mootul moorekee. Given to relieve piles.
1587 Muthone-moonthoo womum. For rheumatism.
1658 Nella goomuddy root. (Gmelina?)
1665 Nimmapandoo poo.
1616 Nukka pitty gudda.
1705 Nullavalevy seed.
1638 Nullooppee. For fever and leprosy.
1621 Nunju checka. For fever.
1633 Nyooroo sukee. For rheumatism.
1695 Pal thookum.
1560 Pennaroo gudda seed. For allaying heat of the system. (Physalis flexuosa?)
1727 Poorooda rutnum.
1670 Puchary akoo.
1619 Rawthy pundoo.
1686 Sree gundapoo seed.
1635 Surusvuthy akoo.
1644 Tippateega. (Menispermum cordifolium.)
1609 Thellooppee (a white bark.)
1712 Woodaura vasin flower.
1680 Wild Illoopoo.
1628 Yedikee pundooloo.

Chingleput.

(*Various Exhibitors.*)

718 Ægle marmelos. Bilva root.
697 Acacia arabica. Caroovailam kai.
666 Aristolochia Indica. Eeswara root.
685 Asclepias vomitoria? Conjee root.
700 Aspalatus Indica. Seevanar vaimboo.
711 Asteracantha longifolia. Neermoolie.
740 Anatherum muricatum. Cuscus.
692 Azadirachta Indica. Nela vaimboo.
687 Bambusa arundinacea. Bamboo root.
681 Borassus flabelliformis. Palmyra root.
702 Bryonia epigœa Cooloo cavady.
705 Bryonia? Saveeree pullum.
724 Bryonia scabra. Moosie moosie.
726 Boerhavia diffusa. Mookarutic.
716 Calamus rotang. Rattan root.
721 Cardiospermum halicacabum. Moodacathan.
732 Cassia tora. Tagara.
743 Calotropis gigantea. Vella yerkum.
695 Cœsalpinia sappan. Vurtunjee root.
602 Cissus guadrangularis? Paroon root.
725 Curcas purgans. Caat amunak.
699 & 338 Curculigo orchioides. Neela panna.
672 Cyperus juncifolius. Cora kilangoo.
747 Cleoma viscosa? Naiyaroovie.

717 Dœmia extensa? Ootomany.
719 Erithryna Indica? Mooroocum.
744 Evolvulus alsinoides. Vishnoo crandie.
706 Ficus —— ? Fig tree root.
667 & 5240 Hemidesmus Indicus. Sarsaparilla.
714 Inga dulcis? Coodoocapullie.
715 Mangifera Indica? Mangava putta.
734 Ocimum —— ? Thoolasee.
684 & 5339 Plumbago Zeylanica. Chittramoolum.
690 & 5334 Pavonia Zeylanica. Chittamootic.
691 & 5333 Pavonia odorata. Peramootie.
750 Periploca sylvestris. Sirroo coorinjan.
646 & 5336 Physalis flexuosa. Amookoonan root.
646 & 727 Strychnos nux vomica. Yettie seeds.
668 Strychnos? Vishabooty.
671 Scopolia aculeata. Moolo carany.
673 & 704 Sphæranthus Indica. Caat carany.
698 Sanseviera Zeylanica. Maroola root.
701 Urgania? Wild onions.
5342 Swietenia febrifuga. Chembooram bark.
8)49 Sapindus emarginatus. Soap nut.
712 Sida —— ? Thooti root.
723 Solanum trilobatum. Toodoovullee.
708 Trophis aspera? Chouri root.
722 Tragia involucrata? Canjan coaray.
728 Vitex —— ? Noochili.
688 Volkameria inermis. Chengum root.

(*Unclassified.*)

710 Adundum.
647 Avootie seeds.
676 Ahcasagaroodun.
577 Boochuckra root.
675 Chapun root.
730 Cooloocavada.
731 Caat velli.
739 Carun gumba.
742 Keelanellee root.
746 Keela root.
736 Munjum grass.
135 Moocatar.
680 Maroovun root.
712 Moolana (red.)
722 Maracallan.
770 Tooloo cuttan.
679 Thunnymootan root
5335 Tunnincotan root.
702 Thaleecoodookai.
683 Norah root.
693 Nunjee moorithum.
5336 Paroon root.
751 Panum.
689 Poonacanjee root.
741 Poonul thundoo root.
741 Pyrce molic.
749 Oralla tambara root
709 Oosiycllacody.
707 Sattana root.
738 Veloodie.
737 Varamoolie.
748 Vanien.
745 Vella sarvalla.
186 Vutta-theeroopee.
696 Vistunjee root.

Coimbatore.

(*Kistniah.*)

2965 Calamus aromaticus. Sweet flag.
3964 Cassia senna. Senna leaves.
3110 Strychnos potatorum. Clearing nut.
3109 Semecarpus anacardium.
3106 Aritharam.
3129 Boo-chuckra root.
2966 Caat cottay.
3130 Malathangy.
2967 Wild mustard.
3128 Akass garoodon.
3132 Vuttungy puttay.
2951 Poonoogoo seed.

Hydrabad.

(*Dr. Smith.*)

Abutilon —— ? Kuthmee.
Acacia arabica gum. Sumug-arabic.
Acanthaceæ. Ootungan.
Aconitum ferox. Nirbissie.
Aconitum ferox. Bisnak siah.
Aconitum ferox. white. Bisnak soofeid.
Aconitum heterophyllum. Atees.
Aerua lanata. Joadah.
Ailanthus excelsa.
Alhagi maurorum. Thoorunjee bean. Manna (decomposed.)
Aloes. Sibber-luckotee.
Amber. Kahrooba.
Amyris commiphora. Googool.
Animi gum. Chundruss.
Aquillaria agallocha?—Uggur gurkee.
Benjamin. Ood soofeid.
Benjamin. Koondur. In small irregularly shaped pieces with portions of bark adhering.
Bombax Malabarica. Moochurrus.
Bugloss? Gowzaban.
Bugloss flowers? Gool-gow-zaban.
Carthamus tinctorius. Hub-ool-kurthoom.
Carum carui. Tookum carayah.
Carum nigrum. Zeera siah. Imported from Kunawar.
Cassia auriculata. Turwur gum.
Cassia senna. Sona muckie.
Catechu. Cuth soofeid. In irregular masses of the size of a walnut, black on the outside but presenting a white fracture.
Celastrus paniculata. Malkungunee.
Chenopodium album. Coorfah seed.
Cinnamomum cassia. Darchenie.
Cinnamomum iners. Cassia buds. Cababa cunda.
Cochlospermum gossypium. Katera gum.
Costus arabicus (?) Coosooth tulkh.
Croton tiglium. Hub-oos-salateen.
Cucumis colocynthus. Colocynth.
Cuminum cyminum. Zeera kirmani. Cummin seed.
Curcuma zedoaria. Nurcachure.
Curcuma zedoaria. Amba huldee.
Curcuma zerumbet. Butch zarumbet.
Cydonia vulgaris. (Quince.) Behdana.
Dammer white. Raal soofeid. An interesting article, apparently new to Southern India.
Dorema ammoniacum. Aoshak.
Dragons blood. Dum-ool akhwain.
Ferula asafœtida. Ungoorza.
Gardenia gummifera. Dikkamaly gum.
Garcinia pictoria. Oosara rewund.
Glycyrrhiza glabra root. Usul soos.
Glycyrrhiza glabra. Liquorice root. Rubbesoos.
Hydnocarpus inebrians. Badam tulk.
Hydnocarpus inebrians. Junglie badam.
Illicium anisatum. Star aniseed. Badiancathai.
Indigofera? Sirpookah.
Ipomea turpethum (?) Turbood.
Iris? Shulk sosun.
Juniperus communis. Juniper berries. Ubhull.
Kino, Cheena goond.
Lac.
Lavandula (?) Auvus thookoothoos.
Lepidium sativum. Theeratozuck.
Lichen. Ooshna.
Linum usitatissimum. Tookun cathan.
Manna from Calotropis procera.

Mentha piperita. Naiya koosk.
Mesua ferrea. Nagkesur.
Moringa pterygosperma gum. Goand-sumbul.
Myrtus communis ? ? Hub-ool-asse.
Nauclea purpurea. Mundee.
Nigella sativa. Siah danah.
Ocimum pilosum, Ryhan.
Opoponax. Jawosheer.
Orchis. Salep misree.
Pharbitis cœrulia. Hul-ul-neel.
Pharnaceum mollugo. Damayah.
Pimpinella anisum. Badyan.
Piper cubeba. Seethul Chenie.
Piper longum. Mirch seah.
Piper longum. Thara fil-fael.
Piper longum root. Fil-fael moyah.
Pistacia lentiscus. Mastic. Roomic mustakie.
Plantago ispagula. Isbagol.
Plantago ——? Tookum hummaz.
Psoralea corylifolia. Bavuncha.
Ptychotis ajowan. Naukah.
Ptychotis involucrata. Anesoon.
Quercus ballota. Jufth-e-bullootliee. Vide O'Shaughnessy p. 607.
Quercus infectoria? Jifut-bulooth.
Quercus infectoria. Majoo-phul. Gall nuts.
Rosa. Gool surk. Rose buds.
Rottleria tinctoria. Capalah.
Rubia munjista. Munject.
Sapindus emarginatus. Reetha.
Santalum album. Sundul soofeid.
Sebestana officinalis. Sapistan plum.
Sida—? Tookhum Keebaree (a malvaceous capsule.
Smilax China. Chob Chinie.
Solanum ? Anjoom seed.
Do. ? Thoodree soofeid.
Do. ? Thoodree zurd.
Strychnos nux vomica. Koochla.
Strychnos sancti ignatii. St. Ignatius bean. Papeetha.
Terminalia chebula. Haleelah cably (ripe fruit.)
Terminalia chebula. Haleelah siah, (unripe fruit.)
Terminalia chebula. Oakud singhee.
Valeriana Jatamamsi. Spikenard. Sumbool-ool-teeb.
Iris Florentina. Banopsha.
Iris Florentina. Beik-banopsha root.
Wrightia antidysenterica. Inderjow.
Wrightea antidysenterica Lussanool asafeel.
Zinziber officinale. Zinzabeel.

(*Unclassified.*)

Gool baboonah.
Hil-hil seed.
Zurnub.
Belenne fruit.
Koob calan. Tobacco seed ?
Barthung.
Baikoomba.
Sathur farey.
Cassoos seed.
Barung lablee (Embelia ribes ?)
Gurd samach.
Ukleiool moolk.
Bisfaig fistuckie.
Baika shu-bebee.
Thoormistree (like small broad beans.)
Shaka goolmisry.
Bowmadram.
Assarool.
Ukkur currah.
Caboo seed (Lactuca sativa ?)
Naryel duryae (vegetable ivory.)
Mama ram cheenie.
Moosely soofaid.
Sheerkisht.
Puzurduth.
Beeja bole (a gum resin.)
Futha-salch-une.
Dana heel.
Cuncole mirch (Pimento ?)
Keena keen.
Thuggur.
Joontheana.
Akakea.
Zeeravunth madhary, (orchis ?)
Funjask seed.
Paican baid choobee.
Farung misk.
Curnobe nabathee.
Zoofa koosk. (Hyssop ?)
Baiphullie (aromatic umbelliferous seed.)
Sesale-use.
Sakaic, a thorny stem.
Mishka tooraie misree.
Zarisk badanah.
Anabasalib. Solanum ?
Ausara launees gum.
Post baroon pista.
Soormyana misrie (orchis ?)
Badrunj joobah.
Kusbus zarida.
Satavur.
Russooh.
Careek siah.
Curbuc soofeid.
Loothur.
Curfush seed (Apium involucratum.)
Tookum balongoo (wild ramtill)
Soosum avot.
Talmahcanah. (Barleria longifolia.)
Ooshba magrabee.
Karoomana. (Aniseed.)
Baicha jalah.
Hub ool molib (cherry kernels.)
Cabooncha (myrrh seed.)
Gool humamah.
Paneer mahya shoothur.
Baik lafah. (Orchis ?)
Jowse-moosul (Datura ?)
Furfloon (a resin.)
Kundnah (onion seed.)
Gareekoon soofeid.
Intibus seed. Casnie. (Cichoreum intybus.)

Hydrabad.

(*Captain Taylor.*)

Adenanthera pavonina.
Acacia arabica bark.
Croton tiglium.
Cuminum cyminum.
Cinnamonum cassia. Cassia bark.
Crotalaria juncea seeds.
Cleome viscosa seed.
Hibiscus. Umbary seeds.

Nymphœa. Chundlie root.
Pimpinella anisum. Aniseed.
Piper nigrum. Black pepper.
Piper cubeba. Cubebs.
Ptychotis ajowan. Omum.
Rubia munjista. Indian madder.
Semicarpus anacardium. Marking nut.
Terminalia sp. Myrobolans.

(*Unclassified.*)

Darootie flowers.
Neela thattee bulb.
Surbuchie roots.
Shah zeera.
Sikhara.
Sameebool root.
Thompa root.
Wild grass seed.
Weller gudda.

Hydrabad.

(*Various exhibitors.*)

Acacia sp. Two and a half seeds to be powdered and administered for the bite of a mad dog.
Alpinia galanga.
Azadirachta Indica. Neem seeds.
Ægle marmelos. Sael.
Acorus calamus. Sweet flag.
Allium sp. Wild onion.
Andropogon. Roosa grass.
Agathotes chiritta. Chiretta.
Butea frondosa. Palas papada.
Barleria ——— ? Tulmakana.
Cyperus juncifolius. Nagurmotha.
Croton tiglium. Jumalgota.
Cathartocarpus fistula.
Cucumis colocynthus. Colocynth.
Cassia senna. Senna leaves.
Cinnamonum iners. Cassia bark.
Cannabis sativa. Ganja.
Dœmia extensa. Ootrundie creeper.
Datura. White datura.
Datura. Thorn apple seed.
Dalbergia arborea bark.
Embelia ribes. Baebrung seed.
Evolvulus alsinoides. Vishnoo krandic.
Ficus indica. Banyan fruit.
Fern. Chowdee pawa.
Galls. Maiphull.
Guizotia oleifera. Kurralah.
Guilandina bonduc. Bonduc nut.
Hibiscus. Umbaddy seed.
Hemidesmus Indicus. Sarsparilla.
Lepidium sativum. Hulloo seed.
Lac.
Lichen. Puttur-ka-phool.
Melia azadirachta. Margosa bark.
Mucuna pruriens. Cowhage.
Ocimum. Wild toolsee.
Ocimum. Nulla toolsee.
Ocimum pilosum. Thookum rihan,
Opium.
Pharnaceum cerviana. Grass roots.
Plumbago Zeylanica. Lead wort.
Piper betel. Betel leaves.
Rottleria tinctoria. Wassantagunda. Used for killing tape-worm.
Strychnos potatorum. Clearing nut.
Strychnos nux vomica. Nux vomica.
Semecarpus anacardium. Marking nut.
Urganea ? Wild onion.
Wrightea antidysenterica Connessee seeds.

(*Unclassified.*)

Addavie gudda.
Aal root. (Morinda.)
Akolah bark. (Alangium.)
Aurey-brummah bark,
Ady ully gudda.
Aray chinna.
Apta bark.
Bullah eudmoo.
Barthoenoe bark.
Boojeekur gudda.
Boochuckra gudda.
Bismawoor bark.
Bujjur dunty.
Bookay neelum.
Beej-bund.
Bholeswurry bark.
Brummah mehdee bark.
Bellavany bark.
Bhukkaty bark.
Bayreevee bark.
Chinna pullaree.
Cheluck bark.
Chinna moolkal.
Chooboolka yelloo.
Cumbee tree bark.
Chota poola plant.
Chinna poona.
Chirboodhy.
Cunny coomara gudda.
Chungum bark.
Coretty coomara gudda.
Dharruck roots.
Dundalum bark.
Doordundy.
Doobah tittur.
Good goody yelloo.
Goomadee gudda.
Goorduudee gudda.
Goonta cungaira.
Gahtoo gushah.
Gudda nara.
Go-la-makoo bark.
Good pala chettoo.
Hool hool plant.
Hewur bark.
Hurdah.
Indian hemp.
Ingum ka phul.
Jaga root.
Koothooroo gadama plant.
Khulkhote bark.
Kunnoo kail.
Kurnaasum.
Keenee root.
Kunnee koomara gudda.
Kodesa bark.
Kalee chinnungay.
Karee chucka.
Koortroogoorma.
Kurun gudda.
Kanamashan bark.
Lobeput root.
Lokanatham.
Loconcde bark.
Lode bark.
Luddy akoo.
Luchmee valasum.
Moolee elkah.
Mongruss.
Mooslie siah (a black root.)
Moad ukkul gudda.
Made bark.
Mothungee bark.
Moodgoo dundree.
Moorgha tunghee.
Meenah moosum.
Mabera plant.
Make mentheeveiloo plant.
Naga sirroo gudda.
Nullah reynee.
Neealah vamee. Justicia.
Nuckapeetie gudda.
Nulla sunna gudda.
Nagasumpun gudda.
Neersinga bark.
Naiyee leaves.
Noona plant.
Nagur doompa. (Cyperus ?)
Neyala tatty gudda.
Neyala mulka.
Nullah oopee.
Nullah oosee.
Neela muddie.
Nemanara.
Owlah leaves. Emblica.
Pillee udgow.
Pude thoompul.
Pud putram.
Punneer gudda.
Pedda moolka.
Pedda mootie.
Pedda vaylie.
Pedda pullaree.
Pedda poona.
Poollah yenchul gudda.
Rustee kanta plant,
Reyahga dootah.
Rallah cootum.
Sooria pathee.
Semie bark.
Sadolah bark.
Shurmindy bark.
Soond mukkie leaves.
Tella sama gudda. Cassia.
Thoorwail roots.
Tella mabara.
Tuuniar-manoo bark.
Tella vaingy.
Tagaday roots.
Tellah sunah.
Tella oosee.
Thungda thaloo.
Thimmeeman bark.
Toonka gudda.
Uttal putta.
Urvee ullum.
Urvul gudda.
Ulla neyrur bark.
Unterdamayra plaut.
Ventrovaydoo root.
Vishnoo canthe (Evolvulus alsinoides ?)
Vala gudda.
Vada vuddoovanoo.
Wild gool bael plant.
Yelvail roots.

Kurnool.

(*C. Drew, Esq. Asst. Surgeon.*)

8756 Argemone Mexicana.
Aerua Javanica.
Amaranthus.
Anethum sowa.
Acacia concinna.
Andropogon muricatum.
Alpinia galanga major.
Andropogon schœnanthus.
Armenian bole.
Butea frondosa.
Cucumis sativa seed.
Cassia.
Cuminum cyminum.
Cocculus Indicus.
Crotalaria juncea.
Carthamus tinctorius.
Cyperus bulbosus.
Curcuma zedoaria.
Calamus aromaticus.
Cœsalpinia sappan.
Cassia auriculata.
Elettaria cardamonum.
Evolvulus alsinoides.
Emblica officinalis.
Gunda faroza.
Glycyrrhiza glabra.
Gum.
Helleborus niger.
Hydnocarpus inebrians.
Isora corylfolia.
Lac.
Laurus ?
Lichen.
Menispermum ?
Morinda citrifolia.
Morinda tinctoria.
Mollugo cerviana.
Memecylon tinctorium.
Mentha sativa.
Nelumbium speciosum.
Orchid root.
Ptychotis ajowan.
Piper longum.
Pedalium murex.
Papaver somniferum.
Pimpinella anisum.
Plantago ispagula.
Raphauus sativa.
Rhubarb.
Rubia munjista.
Rose flowers.
Strychuos potatorum.
Semicarpus anacardium.
Sinapis alba.
Sida.
Strychnos nux vomica.
Santalum album.
Trigonella fœnum grœcum.
Terminalia chebula.
Tamarix.
Terminalia bellerica.
Wrightia.
Zinziber officinale.

(*Unclassified.*)

Audaloo.
Budauee. (Cydonia vulgaris ?)
Boochuckra gudda.
Barks —— ?
China root.
Carun zeeragum.
Gostum.
Gunda-tungaroo.
Gow-zaban. (Buglos ?)
Kichele root.
Namaleemyoreseke.
Putchalay.
Poraputrum.
Poolechinta.
Pittakulakoo.
Roots.
Seeds.
Satavere.
Sooraga gum. (Bombax malabarica ?)

Kurnool.

(—————— ?)

8220 Aleurites triloba. Akhroot.
8181 Apium graveoleus ? ? Tokum kurfas.
8153 Amygdalus communis. Bitter almond.
8116 Aquillaria agallocha ? Ukkur kurra.
8100 Agathotes chiritta. Chiritta.
8121 Andropogon nardus. Jatamamsi.
8155 Anethum graveolens. Dill.
8185 Allium cepa. Onion seed.
8221 Achyranthes aspera. Jyrji.
8104 Acacia leucophlœa. Kirkur ka goand.
8105 Bombax malabarica root. Mooslie soofeid.
8099 Bombax malabarica root ? Mooslic siah.
8128 Bombax malabarica gum. Moochurrus.
8115 Benjamin. Koondur.
8092 Butea frondosa gum. Sumug pales.
8163 Butea frondosa. Pulas-papada.
8263 Bishop's weed.
8123 Butea superba ? Tigra.
8154 Barleria longifolia. Talmakana.
8208 Bugloss flower. Gool gowzaban.
8202 Bugloss. Gowzaban.
8125 Cydonia vulgaris. (Quince.) Behdana.
8080 Carum carui. Zeera kirmani.
8091 Croton tiglium. Jumalgota.
8101 Cinnamon.
8130 Catechu. Rutta soofeid.
8143 Cinnamonum cassia. Taj.
8168 Cassia auriculata. Chaksoo.
8169 Cucumis sativus. Chiar.
8180 Celastrus paniculata. Malkunguncc.
8188 Cassia senna. Sunna mukkie.
8191 Cannabis sativa. Shahudanunj.
8194 Cuminum cyminum. Guzur.
8200 Cucurbita. sp. Melon seed. Petha.
8107 Cochlospermum gossypium. Kateera gond.
8173 Cichoreum intybus. Tokum casnie.
8093 Dragons blood. Dum'ool achwain.
8108 Dammer. Ral.
8133 Elettaria cardamomum. Dana illachie.
8079 Ferula asafœtida. Hing.
8212 Ficus carica. Common fig. Unjeer.
Garcinia pictoria. Gamboge.
8140 Glycyrrhiza glabra. Russoot.
8190 Glycyrriza glabra, (root.) Usluboos.
8223 Googool.
8086 Hyoscyamus niger. Ajowan Khorassanie.
8145 Hydnocarpus inebrians. Junglie badam.

8098 Hemidesmus indicus.
8187 Illicium anisatum. Badian chatai.
8146 Laurus nobilis ? ? Hub-ool-far.
8170 Lagenaria vulgaris. Kuddoo.
8253 Lichen. Churela.
8129 Mastic.
8160 Myristica moschata. Jauzboya.
8077 Malva sylvestris ? Todari soofeid.
8082 Malva ? Todari soork.
8189 Mallow species. Chitmi.
8211 Mallow species. Chubazi.
8084 Momordica mixta ? Gokra khord.
8127 Nicotiana tabacum ? Choob kalan.
8238 Nelumbium species. Kanwul.
8247 Nigella sativa.
8076 Nauclea purpurea.
8108 Opoponax. Jawosheer.
8076 Opium.
8219 Ocimum. Kitram.
8763 Omum water.
8038 Putchuck root ? Kootki siah.
8114 Physalis somnifera. Kaknaj.
8111 Pharbitis cærulia.
8090 Piper longum.
8106 Plantago ispagula. Isbagol.
8129 Pistacia lentiscus. (Mastic.)
8132 Pistacia vera.
8157 Piper nigrum.
8178 Pimpinella anisum.
8248 Ptychotis ajowan.
8202 Papaver somniferum. (black seed.)
8237 Pterocarpus santalinus.
8103 Piper decorticatum. Fil-fael soofeid.
8138 Putchuk ? ? Kosht.
8097 Quercus infectoria. Majoophul.
8234 Quercus ballota. Booloot.
8164 Rottleria tinctoria. Kupela.
8230 Rubia munjista.
8264 Rose water.
8117 Scammony. Sukmoonia.
8119 Star anise.
8122 Salep misrie.
8154 Sinapis alba. Churdul soofeid.
8179 Strychnos nux vomica. Koochla.
8207 Strychnos potatorum. Nirmali.
8225 Santalum album.
8147 Sebestana officinalis. Sapista.
8091 Terminalia chebula. Halila zurd.
8118 Terminalia chebula. Halila siah. (unripe fruit.)
8197 Tobacco seed.
8176 Triticum. (wheat flour.) Nishista.
8195 Viola odorata. Gool banopsha.
8228 Vernonia anthelmintica. Hili zeri.
8095 Wrightia antidysenterica. Inder jow.
8259 Wine.
8094 Zinziber officinale.

8149 Aloo buchara.
8167 Agil-ool-mulk.
8246 Badraj boya.
8137 Bahmani soofeid.
8085 Bahmani soork.
8087 Bullila.
8131 Bajbund.
8182 Badawurd.
8187 Bartung.
8213 Beenj julaba.
8543 Bel phul.
8376 Chob-ool-ullas.

8096 Charman ka gond.
8166 Churnoob.
8209 Chob kilkil.
8224 Elwa.
8150 Fering mishk.
8083 Gool resta.
8109 Ghota ghutta.
8127 Girda sumug.
8156 Gool nar.
8158 Gool surkh.
8231 Gharikoon.
8236 Gool-kabrassy.

8192 Gool ghafus.
8244 Gool bel.
8074 Halila kabili.
8026 Hub-ool. zam.
8161 Hurf-ale-une.
8088 Jagundanagoorie.
8183 Kuzmazuj,
8198 Khuzrdmana.
8029 Mooslie siah.
8126 Mahmira.
8141 Mentphul.
8171 Maulsar tree bark.
8112 Piplamor.
0134 Rub oosoos.
8248 Shatra.
8165 Sazuja adsi.

8206 Sungreza.
8233 Shukad.
8445 Saduj hindie.
8127 Tokum hummaz.
8210 Tokum churjah.
8186 Tootiyar sullak.
8073 Tokum kasoos.
8081 Tokum kunocha.
8089 Tokum balangoo.
8135 Tirmas.
8148 Tokum konch.
8110 Unzuroot.
8124 Uftimoon.
8139 Ukakia.
8144 Unnah.
8214 Unnaboosaleb.

Madras.

(Mr. A. T. Jaffrey,)

5002 Herbarium of Indian plants.

Abelmoschus esculentus.
Achryanthes aspera.
Æschynomene aspera.
Agati grandiflora.
Alternanthera sessilis.
Amaranthus tenuifolius.
Do. spinosus.
Do. campestris.
Do. tristis.
Do. polygamus.
Do. oleraceus.
Do. atropurpu- reus.
Amorpophalus campanulatus.
Andropogon esculentum.
Aerua lanata.
Artocarpus integrifolius.
Asystacia Coromandeliana.
Atriplex heteranthera.
Batatas edulis.
Bauhinia albida.
Do. purpurea.
Bergera Kœnigii.
Boerhavia procumbens.
Bryonia coccinia.
Byttneria herbacea.
Caladium esculentum.
Capsella bursa pastoris.
Capsicum frutescens.
Do. minimum.
Capparis brevispina.
Caralluma adscendens.
Carica papaya.
Cleome pentaphlla.
Do. viscosa.
Cocos nucifera.
Commelina communis.
Coriandrum sativum.
Cucurbita maxima.
Do. citrullus.
Do. ovifera.
Cucumis usitata.
Cyamopsis psoraloides.
Cynodon dactylon.
Dillenia speciosa.
Desmanthus natans.
Dioscorea purpurea.
Do. aculeata.
Dolichos ensiformis.

Erythroxylon areolatum.
Euphorbia pilulifera.
Emblica officinalis.
Ficus racemosa.
Fœniculum vulgare.
Giskia paarnaceoides.
Glinus trianthemoides.
Hibiscus sabdariffa.
Do. surattensis.
Hoya viridiflora.
Ipomæa separia.
Do. reptans.
Do. reniformis.
Lablab vulgaris.
Do. pipo.
Leucas aspera.
Mangifera Indica.
Momordica charantia, var. muricata.
Momordica charantia.
Morinda umbellata.
Moringa pterygosperma.
Musa sapientum.
Nelumbium speciosum.
Geymum villosum.
Oxalis corniculatus.
Pisonia morindifolia.
Portulacca oleracea.
Portulacca quadrifida.
Premna integrifolia.
Do. serratifolia.
Psophocarpus tetragonolobus.
Rivea fragrans.
Rothia trifoliata.
Rumex vesicaria.
Solanum incertum.
Do. melongina.
Do. lycopersicum.
Sonchus oleraceus.
Spinacia oleracea.
Spondias mangifera.
Stellaria media.
Suœda Indica.
Trianthema obcordata.
Tribulus terrestris.
Trichosanthes anguina.
Vitis quadrangularis.
Webera tetranda.
Zizyphus jujuba.

(*Ramasawmy Chetty.*)

7531 Alpinia galanga major.
Alpinia galanga.
Bignonia chelonides.
Bauhinia tomentosa.
Cassia auriculata.
Calotropis gigantea.
Clerodendron phlomoides,
Cratœva religiosa.
Cratœva tapia.
Cyperus graminifolius.
Gmelina Asiatica.
Inula Indica.
Jasminum angustifolium.
Jasminum undulatum.
Mimosa triquetra.
Mimosa flexuosa.
Medicinal root given in Dysentry
Moringa pterygosperma.
Ocimum basilicum.
Phylanthus niruri.
Plumbago Zeylanica.
Periploca Indica.
Piper longum.
Solanum trilobatum.
Solanum jacquini.
Solanum Indicum.
Trajia involucrata.
Volkameria inermis.
Vitex negundo,
Wrightia antidysenterica.
Zinziber officinale.

(*Dr. G. W. Flynn.*)

Alcoholic preparations from Jaggery.

7674 Country arrack, 20 O. P.
7675 Alcohol, 60 O. P.
7676 Do. absolute.

Opium preparations.

7685 Muriate of Morphia.
7686 Acetate of Morphia.
7787 Liquor Opii sedativa.

Products from Wood.

7692 Pyroligneous acid.
7693 Glacial acetic acid.
7693 Pyroxylic spirit, or wood naptha.

From country Vinegar.

7695 Distilled Vinegar.
7696 Strong acetic acid.
7697 Glacial acetic acid.

Photographic preparations.

7700 Collodion instantaneous.
7703 Transparent Varnish.
7704 Jet Varnish.

(*Mr. Cleaves.*)

Photographic preparations,

7711 Collodion ordinary.
7712 Iodising solution.
7713 Absolute alcohol.
7716 Gun cotton.
7717 Glacial acetic acid.

(*P. Rungia Naidoo.*)

5063 Drugs used by Mussulman Doctors.

Sattrauvthoo.
Panosh.
Voochkathooch.
Soopa-soosh.
Anoosun.
Apapulsan,
Cashur seed.
Red Oomash.
Oodrengan.
Cathera.
Vissvunthoo,
Paupoona.
Acceeloomoolk.
Appa aul.
Patharcheepoa.
Thoothrashoopath.
Shathushoo.
Caroopuchoo seed.
Appoolachoo.
Pamunsoopath.
Paroothungoo.
Moollangee seeds.
Thoothashoorukkoo.
Thookmaprahoo.
Soolathava.
Muroo seed.
Suchnuntha. }
Motharooth. }
Puthooreepath.
Cacunchoo.
Nunnaree roots.
Sinniaconthoo.
Picha.
Casoosh.
Sooroonsah.
Malooccalee.
Sumaccoo.
Sash root.
Vash thoorgie.
Pamanasookoo.
Caroopoovoowash.
Mookalaarashok.
Voongoorthoo.
Salookosha.
Cacooshooshur.

(*Revenue Board.*)

Prize products from the Nellore Provincial Exhibition.

2712 Curakanyaloo.
5713 Auroodondee bark.
5714 Naylavaymoo. (*Justicia paniculata.*)
5715 Gobby Vittooloo.
5716 Naypaula seeds. (*Croton tiglium.*)
5717 Chillaginjaloo.
5718 Soogundapaula roots (Sarsaparilla.)
5719 Gobby plant.
5720 Pullayroo ,,
4721 Woottaraynoo ,,
5722 Toommy ,,
5723 Yanaga Pullayroo plant.
5724 Chauntrancy plants.
5725 Tella Guljayroo.
5726 Moosty seeds.
5727 Sovinda ,,
5728 Naylathungaydoo plant.
5729 Chetty coyswarum ,,
5730 Subja seeds. (*Canabis Indica.*)
5731 Patchy Chitramoolum.

Masulipatam.

(*Vencata Narsing row.*)

4006 & 4011 Bombax Malabarica. Booraga bark
4013 Cassia auriculata. Tungadoo bark.
4010 Morinda tinctoria. Muddy checka.
3998 Sethia Indica. Devadary bark.
4012 Barra doodelem bark.
3997 Chooreegee bark.
4001 Corinda bark.
4003 Coramaunoo bark.
4007 Cheroogoody.
4000 Guinee bark.
4002 Mootchatooneegee bark.
3999 Nulla bulsoo bark,
4008 Nulla ragoo bark.
4005 Nulla oopee bark.
3997 Rautoory bark.
3997 Rachasee bark.
4009 Rala bark.
4004 Wooroogoo bark.

Madras.

(*Dr. Jesudasen.*)

8848 Abrus precatorius, white seeds. Vella koondoomany. Used as a paste over bites of poisonous insects.

Abrus precatorius black seeds. Do. do.

Abrus precatorius red seeds. Do. do.

Abrus precatorius root. Do. do.

Acacia arabica bark. Karoovalum puttay. Astringent, its decoction is used as a gargle for sore mouth.

Acacia sundra. Karoongali vayr.

Acacia bark. Karoongali puttay. Used in diabetis.

Acacia arabica fruit. Karoovalum kai. Astringent, alterative.

Acorus calamus. (kind of.) Nauby. Febrifuge, an active vegetable poison. (*Aconitum?*)

Acorus calamus or sweet flag. Vassumboo. Carminative, used in diarrhæa.

Achyranthes aspera. Naiooroovy. Used to allay dryness of the mouth.

Acalypha indica. Kooppamany. Febrifuge, and tonic.

Agrostis linearis. Arookun vayr. Refrigerant.

Ailanthus excelsa. Paroomaruttoo puttay. Used in dyspeptic complaints.

Alpinia galanga major. Peyr aruttie. Expectorant.

Alpinia galanga minor. Sitt aruttie. Expectorant.

Aloe littoralis. Kuttalie. Purgative and refrigerant.

Aloes. Kariapolum. Purgative.

Alangium decapetalum bark. Kadal alinge puttay. Used in diabetis.

Alangium decapetalum root, seeds and bark. Alingil. Used in diabetis and in rheumatism and leprosy.

Alangium decapetalum. Sevvalinge puttay.

Allium cepa. Vengaya verei. Refrigerant, used as a poultice to hasten suppuration.

Alhaji maurorum. Turinge bean. Tonic, used in combination with purgatives.

Amaranthus campestris. Sirrookeeray vayr. Refrigerant.

Amygdalus communis. Vathoomay cottay. Tonic and demulcent.

Anethum graveolens. Sathacoppy. Used in amenorrhæa.

Anthemus pyrethrum. Akkarakarum. Expectorant, used also to allay thirst.

Anthemis nobilis. Samunthippoo. Antibilious

Andropogon muricatus. Vetty vayr. Aromatic, and a stimulant febrifuge.

Andropogon muricatus. Vilamicham ellay. antibilious.

Andropogon schœnanthus. Kamatchy pilloo. Aromatic, stimulant. (Lemon grass.)

Averrhoa carambola. Thamerthum kai. Antibilious.

Amyris. Ooppabulsan. Used in head affections. (Imported from Arabia.)

Aquilaria agallocha. Akil cuttay. Tonic, used in rheumatism.

Argemone Mexicana. Brimathundoo verei. Used in rheumatism.

Artemesia indica. Maseputhere. Refrigerant.

Artemesia Maderaspatana. Maseputhere. Refrigerant.

Aristolochia Indica. Esoora Vayr. Used in dyspepsia.

Areca catechu. Kalipaukoo. Laxative.

Asparagus sarmentosus. Thunneervittang. Diuretic.

Astragalus verus. Vathoomaycottay pisin. Tonic, used also in admoplysis.

Asclepias vomitoria. Paroo cooringan. Febrifuge.

Asclepias gigantea. Vella roogun. Stimulant.

Aspalathus indica. Sevanar vaimboo. Used in leprosy and skin diseases.

Asclepias prolifera root. Nanjarappan vayr. Stimulant.

Asclepias prolifera bark. Nanjarappan puttay. Stimulant.

Andrachne cadishaw. Wodoovunkai. Poisonous, applied to ulcers.

Allium sativum. Vellapoondoo. Stimulant, used in paralytic and rheumatic affections.

Asclepias volubilis. Kodee paulay. Diuretic emetic.

Amyris commiphora. Googul. Used in rheumatism.

Bambusa arundinacea. Moongil aurisee.

Ballota disticha. Votha paimaruttie. Used in rheumatism.

Barleria longifolia. Neermoolli. Tonic.

Bassia longifolia bark and flower. Eloppa. Used in rheumatic affections.

Boerhavia diffusa root. Moocoorutta. Used in rheumatism.

Bombax pentandrum. Elavam gum. Tonic.

Bombax pentandrum bark. Elavam puttay. Astringent, used to suppress vomiting.

Bombax pentandrum root. Elavam vayr. Refrigerant, used in hœmaturia.

Bombax pentandrum. Moolleiavam vayr. Astringent.

Bryonia grandis root. Kovay vayr. Alterative.

Bryonia callosa root. Paroo toomatty. Used in amenorrhœa.

Bryonia epigea. Agasacaroodun. Given as an antidote for poisons.

Bryonia species. Sookkang kai. Laxative, used in rheumatism.

Bryonia rostrata. Appookova vayr. Alterative, used in diabetes.

Butea frondosa seed. Porasum verei or cottay. Vermifuge.

Butea frondosa gum. Porasum pisin. Refrigerant and tonic.

Butea frondosa flower. Porasum poovoo. Tonic, refrigerant.

Bauhinia tomentosa. Katoo athi poovoo. Astringent, used in diarrhœa.

Bixa orellana. Jappara verei. Tonic. Used in leprosy and skin diseases.

Boerhavia diffusa. Mookathary puttay. Used in rheumatism.

Barleria prionitis. Semmooollie clay. Used in catarrhal affections of children.

Bergera Kœnigii. Karoovapilay. Stomachic, tonic and stimulant.

Citrus aurantium. Orange peel. Kitchlee thole. Aromatic.

Cassia senna. Soorathoo nelavaray. Purgative.
Cydonia vulgaris. Beydana. Refrigerant, used in catarrh and dysentry.
Cichorium intibus seeds. Kassini verei. Cooling used to suppress vomiting and to remove bad taste from the mouth.
Costus arabicus. Costum. Cooling, tonic.
Caryophillus aromaticus. Kramboo. Stimulant, aromatic.
Curcuma zedoaria. Kustoory munjul. Tonic, used in psoriasis.
Curcuma angustifolia. Kooga neeroo. Refrigerant.
Curcuma zerumbet. Poolang kalangoo Tonic.
Curculigo orchioides. Nelappana kalungoo. Tonic.
Cucumis sativus. Velleri verei. Diuretic.
Cucumis colocynthus. Toomuttikai. Purgative, used in amenorrhæa.
Catechu. Kuttacamboo. Astringent.
Cucumis orijeram root. Nelapoosini kalangoo. Tonic.
Cucumis acutangulus seeds. Peypeerkum verei. Antibilious and stimulant.
Chloroxylon dupada. (*Vateria Indica?*) Koongilium or dammer. Used in diarrhæa.
Cyperus juncifolius. Kora kalungoo. Cooling and tonic.
Clitorea ternatea seeds. Kakatan verei. Purgative.
Clitorea ternatea (white root.) Vella kakatan vayr. Laxative.
Calyptranthes jambolana. Tukkolum. Cooling, tonic, astringent.
Calyptranthes caryophillifolia. Naval pavukka vayr. Alterative.
Cassia auriculata. Avarum verei. Astringent, tonic, used in diabetes.
Cassia fistula. Surrayconna palum. Laxative.
Cassia lignea. Lavoonga puttay. Carminative.
Cassia tora seeds. Thagara veri. Tonic.
Cassia lignea (from China.) Perroolavanga puttay. Carminative.
Cassia lignea (from Rangoon.) Bungole lavoonga puttay. Carminative.
Cannabis sativa. Kunja veri. Narcotic.
Cannabis Indica. Kunja elay. Narcotic.
Cleome viscosa. Naikadoogoo. Used in amenorrhæa and gastritis.
Cleome fruticosa. Viloothy vayr. Purgative.
Croton tiglium seeds. Neervala cottay. Purgative.
Cratœva tapia. Navalinga puttay. Stimulant.
Cratœva religiosa. Vilva puttay. Refrigerant used also in leprosy.
Carica papaya. Puppili verei. Antibilious.
Cynanchum extensum. Voothamany vayr. Used in rheumatism.
Carissa root. Kila vayr. Used in profuse perspiration, thirst and indigestion.
Carrissa species of. Sotha kila vayr, do.
Cissus. Kistna palay. Used in rheumatism and indigestion.
Clerodendron phlomoides. Thaloothali vayr. Stimulant, used in rheumatism.
Cathartocarpus fistula. Amultas verie. Cathartic.
Cardiospermum halicacabum. Moodakothan. Purgative.

Caryota. Authunda paulay. Given in head aches.
Calophyllum, kind of. Nauga puttay. Astringent.
Calophyllum Inophyllum. Pinnakai. Used as a liniment in dimness of sight.
Crinum Asiaticum. Vesha moonghe ellay. Emetic, its juice is used in ear ache.
Crotalaria verrucosa. Votha kelookiluppie. Used in rheumatism, scrofula and skin affections.
Crotalaria juncea. Sanappa verei. Used in rheumatism.
Crocus sativus. Coongooma poo. Stimulant.
Cissus acida. Pooli naroolay. Used for piles.
Convolvulus speciosus. Peymooshti. Used in diabetis.
Convolvulus turpethum. Sevatha vayr. Purgative.
Convolvulus jalapa. Secmay sivatha vayr. Purgative.
Coffea Arabica. Coppy cottay. Emmenagoge, used in rheumatism.
Camphor from Surat. Soorathoo curpooram. Emmenagoge, used in rheumatism. Stimulant.
Camphor crude. Putcha curpoorum. Refrigerant.
Coriandrum sativum. Cotamullee. Refrigerant and antibilious.
Cuminum cyminum. Seerakam. Used in rheumatism.
Coscinium fenestratum. Maramunjul.
Cacalia Kleinii flower. (*Gowzaban.*) Kavasban poovoo. Refrigerant.
Cacalia Kleinii bark. Kavasban puttay. (*Gowzaban*) refrigerant, used in retention of urine.
Carthamus tinctorius. Koosoom verei. Tonic.
Calabash, seeds of. Soraverei. Aromatic.
Cassia cinnamomum leaves. Lavoonga puthric elay. Tonic, refrigerant.
Chenopodium album. Parooppookeera verei. Refrigerant.
Carrot seeds. Kajund. Alterative.
Calotropis gigantea. Yerkum.
Coldenia procumbens. Peruncheruppada. Used in rheumatism.
Colchicum. sp. ? (the hermodoctyl.) Tarunj akruby. Tonic.
Curcuma longa. Kuppoomunjul. Stimulant.
Celastrus paniculata. Vaulooloova arisee. Used in diarrhæa and in amenorrhæ.
Cæsalpinia sappan. Vootungan. Tonic.
Cocculus indicus. Kakkakolli verei. Narcotic, applied externally in cases of inveterate itch.
Canella alba. Canella puttay. Aromatic, stimulant.
Cinchona oblongifolia. Seema vapum puttay. Febrifuge, tonic.
Croton cascarilla. Cascarilla bark. Tonic.
Colchicum seeds. Colchicum verei. Nauseant, cathartic, diuretic, and diaphoretic.
Cannabis indica. Subja verei. Cooling.
Carum carui. Seemay somboo. Carminative, diuretic.
Cummin. Karoon jeeragam. Refrigerant.
Colchicum corns. Colchicum poovoo. Diuretic and diaphoretic.
Cucumis seed. Soray verei Diuretic, tonic.
Dalbergia arborea. Poongum cottay. Emetic.

Datura. Oomathum poovo. Narcotic.

Daphne mezereon. Mezerian vayr. Epipastic, stimulating, diaphoretic and diuretic.

Dammer, species of. Noray koongilium. Refrigerant.

Datura root. Marul oomathay vayr. Tonic.

Dracontium bulb. Katoo caroonay. Used in hæmorrhoids.

Dragoon's blood. Kandomoorooga ruttum. Used in tetanus and fever.

Dioscorea bulbifera. Katoo vullee. Used in rheumatism.

Dolichos pruriens, Poonakaule verei. Tonic.

Dammer black. Karooppoo koongilium.

Eclipta erecta seeds. Karoo salongkunny verei. Refrigerant.

Elœocarpus lanceolatus. Rutheratsham. Expectorant.

Elettaria cardamomum. Yalakai. Aromatic.

Erythroxylon areolatum. (*Sethia indica.*) Thavathary cuttay. Refrigerant and tonic.

Eugenia racemosa, buds of? Maratia moogoo. Astringent used in diarrahæa.

Eugenia racemosa, buds of. Kadappum vayr. Used in rheumatic cases.

Euphorbia neriifolia. Yala kullee. Purgative.

Euphorbia tirucalli root. Theroogookullee vayr. Purgative.

Euphorbia pilulifera. Ammamputchee arisce. Its juice is used in aphthus affections.

Embelia ribes. Vaivelungum. Used in rheumatism.

Embelia plant, (its branches.) Thippile cuttay. Tonic, aromatic.

Embelia alba. Vella molagoo. Carminative, refrigerant.

Embelia wild. Kattoo molagoo. Refrigerant.

Exacum hyssopifolium. Velleerookkum elay. Stimulant.

Exacum pedunculatum. Kanappoondoo. Febrifuge.

Exacum tetragonum? Vellerakoo. Alternative.

Erythrinum Indicum. Naryvenkayaum. Used in hæmorroids.

Evolvulus alsinoides. Vishnoo karanthy. Febrifuge.

Feronia elephantum. Vaila vayr. Refrigerant.

Ferula assafœtida. Paroongayam. Stimulant, antispasmodic.

Ficus. Paulungoo veray.

Ficus racemosa seeds. Athi verei. Tonic, astringent, demulcent.

Ficus racemosa bark. Athi puttay. Do.

Ficus religiosa seeds. Arasam verei. Tonic, refrigerant.

Ficus religiosa bark. Arasam puttay. Tonic.

Ficus Indica fruits. Kooroovalum kai. Used in rheumatism.

Ficus Bengalensis bark. Alum puttay.

Ficus Bengalensis. Alum vishoothoo. Refrigerant, alternative.

Flacourtia cataphracta. Thalisaputheree. Stomachic, carminative.

Fumosa officinalis. Shaatirraw. Cooling, said to purify blood.

Gardenia dumetorum. Marookalunkai. Stimulant.

Gardenia dumetorum. Marookkaray. Stimulant.

Guilandina bonduc. Kalichi kai. Carminative, used in fever and jaundice.

Gossypium sp. Parootbe verei. Astringent.

Gamboge. Mukky. Vermifuge, diuretic.

Galega spinosa. Mookkavalay. Used in rheumatism.

Galega purpurea root. Kolingee vayr. Used in dyspepsia and tympanitis.

Gmelina asiatica. Nelakoomele vayr. Used in gastritis.

Glinus dictamnoides. Sirroo sarooppady. Refrigerant.

Glycyrrhiza glabra. Athemathooram. Refrigerant.

Gum acacia. Karoovalum pisin. Astringent used in tooth-ache.

Gum arabic. Valam pisin. Demulcent, tonic.

Gum benzoin. Paul sambrane. Do.

Gum tragacanth. Vathoomacottay pisin. Do.

Gum elemi. Stimulant.

Hazel nut. Binthook. Refrigerant, tonic.

Hedysarum nummularifolium Sirroo pullady. Alternative.

Helicteres isora. Valumboorikai. Tonic, used also as an ear liniment.

Helleborus niger. Kadoogooroganee. Drastic purgative.

Helleborus radix. Kadoogooroganee vayr. Drastic purgative.

Hibiscus populneus. Poovarasum verei. Alternative.

Hydrocotyle asiatica root. Vullaray vayr. Used in rheumatism.

Hydrocotyle asiatica. Vullaray. Alternative.

Hyosciamus niger. Korasani omum. Astringent narcotic, used in diabetes.

Illicium anisatum. Annasee poo. Carminative.

Illecebrum lanatum. Kunpoolay. Used externally in cases of retention of urine.

Indigo. Pooneelum. Used externally over the bladder in cases of retention of urine.

Indigofera arcuata. Poonulthundoo. Used in rheumatism.

Indigofera anil root. Avary vayr. Refrigerant allays thirst.

Indigofera argentea. Iroomboorookky. Antipathetical to iron.

Indigofera enneaphylla. Seppooneringee. Diuretic.

Inga dulcis, seeds. Korakapoolli verei. Laxative.

Inga dulcis, fruits. Korakapooly. Laxative antibilious.

Ipecac root. Ipecac vayr. Emetic.

Ipomæa quamoclit root. Miermanickum vayr. Refrigerant.

Ipomæa candicans. Moossata vayr. Carminative, used also in diabetis.

Injaruth. Used in combination with plasters.

Iris florentina? Koob banooshaw. Refrigerant.

Iris florentina. Bayko banoosha. Cooling.

Jatropha montana. (*Hydnocarpus inebrians.*) Neeradimoothoo. Alterative.

Jasminum angustifolium. Kattoo mullikay vayr. Stimulant.

Juniperis communis. Hab hul. Valuable substitute for pepper, diuretic.

Juniperis communis. Sundiruz. Stimulant.

Justicia paniculata. Nelavamboo. Tonic, febrifuge.

Justicia repens. Kodagasalay. Used in cutaneous diseases.

Justicia paniculata (*Andrographis paniculata.*) Creat. Nautoo nelavamboo. Tonic febrifuge.

Juniperus communis. Sundiruz. Astringent used in cases of diarrhæa.

Lawsonia spinosa. Maroodanie. Used in cases of lepra.

Linum usitatissimum. Alli verei. Demulcent, tonic.

Lichen rotundatus. Kulpasee. Refrigerant tonic.

Lepidium sativum. Alli verei. Diuretic and demulcent.

Limonia pentaphylla. Kongce puttay. Astringent used in diarrhæa.

Lavender flower. Woosthacathoos. Aromatic.

Linum usitatissmum. Alli verei. Demulcent.

Lodoicea sechellarum. Kadul thankai. Used in rheumatism.

Lawsonia inermis seeds and roots. Aloovunna verei. Tonic.

Melastoma aspera. Kauttoo kadalie. Said to ease coughs.

Myristica moschata. Jauputhere. Aromatic, stomachic.

Mace wild. Myristica malabarica. Kautoo jauputhere. Laxative used in rheumatism.

Myrrh. Balanthra polum. Emmenagoge.

Mangifera Indica. Mamprittay bark.

Melia azadirachta bark. Vappum puttay. Febrifuge, used in amenorrhæa and rheumatism.

Melia azadirachta seeds. Vappum verei, do.

Melia azadirachta gum. Vappum pisin. Alternative.

Melissa officinalis. Kunjang kora. Expectorant, febrifuge, stomachic.

Mierchukky. Used as decoction in cases of fever.

Mimosa bark. Seekaram puttay. Refrigerant.

Do. ferruginea. Vilva puttay. Astringent.

Do. cinerea root. Vadathary vayr. Used in rheumatism.

Mimosa sensitiva. Thottasiningee. Stimulant.

Mimosa triquetra flower. Summungee poovoo. Refrigerant.

Mimosa. Eávayr. Expectorant.

Mimusops hexandra wood. Paulakuttay. Stimulant.

Mimusops hexandra fruit. Paulakai. Stomachic.

Monetia barlerioides root. Sungum vayr. Used in rheumatism.

Moringa pterygosperma. Thavasoo mooringha. Stimulant.

Moringa bark. Mooroonga puttay. do.

Moringa pterygosperma. Horse radish gum. Moringa pesin. Stimulant.

Moringa pterygosperma. Horse radish root. Moringa vayr. Stimulant.

Menispermum cordifolium. Seenthe cody. Refrigerant.

Momordica dioica. Padoopauval cody. Laxative.

Mucuna poritta fruits. Kara pullum. Laxative.

Mucuna porritta bean. Kara kai. Astringent.

Macarangua tomentosa. Kundoo paranghy. Stimulant.

Myrabilis jalapa ? Patherasam verei. Stimulant.

Myristica moschata. Jathikai. Stimulant, tonic, astringent.

Morinda umbellata. Nona puttay. Alternative, used in cases of boils.

Myrrh seeds. Myrrh verei. Used in hæmorrhoids.

Nerium antidysentericum. (*Wrightia.*) Veppala arisee. Stimulant, used in diarrhæa.

Nerium antidysentericum, bark. Veppala puttay. Stimulant, used in diarrhæa.

Nelumbium speciosum. Thamara kalungoo. Refrigerant.

Nelumbium speciosum. Thamara poovoo. Refrigerant.

Nelumbium speciosum. Thamara verei. Antibilious.

Nelumbium root. Vuttathee vayr. Antibilious.

Nepeta malabarica. Peimiruttie. Used in diarrhæa and indigestion.

Nepeta malabarica. Eruttie peramuttie. Used in diarrhæa and dysentery.

Nigella sativa. Karoon jeeragum. Carminative.

Nymphœa odorata. Alli kalungoo. Refrigerant.

Ocimum sanctum. Tholase verei. Cooling.

Ocimum album. Kunjan kora. Used in fever, diarrhæa and chest affections.

Ocimum hirsutum, rough basil. Koolimittan vayr. Refrigerant.

Ocimum sanctum, black. Karoon thoolasee. Used in fever.

Ocimum basilicum. Joorea keranthee. Tonic.

Opium. Abinee. Narotic.

Odina pinnata, Votheum puttay. Refrigerant.

Oldenlandia umbellata. Imbooram puttay. Carminative, used in cough.

Orchis mascula, salep. Salamisery. Tonic.

Orchis mascula. Punjah salamisiree. Tonic.

Orchis mascula. Ncelagherry salamisiree.

Olibanum or galbanum. Stimulant, chiefly used in plasters, and for fumigation.

Papaver somniferum seeds. Kassa kassa Narcotic, astringent and cooling.

Papaver somniferum capules. Kassa kassa thole. Its decoction is used as an anodyne fomentation.

Pavonia Zeylanica. Sittamoottee, Tonic.

Pavonia Zeylanica root. Sittamoottee vayr. Febrifuge.

Pavonia odorata. Paramoottee. Febrifuge.

Pavetta Indica. Pavetta vayr. Tonic, allays thirst.

Phyllanthus rhamnoides. Pavalla poola. Used in obstinate tumours.

Premna integrifolia. Monee vayr. Cordial stomachic.

Pedalium murex. Auna nerringee. Diuretic.

Periploca. Ammayar coonthul. Diuretic.

Periploca Indica. Nunnaree vayr. Alternative.

Periploca sylvestris. Sirroo coorinjan. A good febrifuge.

Phyllanthus emblica. (*Emblica officinalis.*) Nellee kai. Antibilious.

Phyllanthus niruri. Keela nellee. Used in jaundice.

Phyllanthus niruri. Mala nellee. Antibilious.

Phyllanthus Maderaspatensis. (*Nauclea ?*) Nelakadumba kalungoo. Alternative.

Pharnaceum mollugo. Thoora elay.

Pharnaceum mollugo. Thoora lubbay.

Pharnaceum cerviana. Purpadagam. Febrifuge, diaphoretic, expectorant, antibilious.

Phlomis indica. Thoomba vayr. Febrifuge, expectorant.

Physalis flexuosa. Amookanang kalungoo. Used in rheumatic cases.

Physalis root. Soorathoo kalungo. Used in rheumatic cases.

Physalis pubescens root. Segappoo manathacally vayr. Alternative, refrigerant.

Phœnix farinifera, gum. Eachum pisin. Used in cases of scanty lochial discharge.

Pimpinella anisum, aniseed. Somboo. Aromatic, carminative.

Piper longum, elephant pepper. Auna thippelee. Carminative.

Piper cubeba, cubebs. Vaul molagoo. Carminative refrigerant.

Piper nigrum. Sheveum. Laxative, stomachic.

Piper dichotomum. Thasavarum.

Pimenta vulgaris. Pimento. Stimulant, aromatic.

Piper longum. Tippilee. Stimulant, used in fevers and dyspeptic complaints.

Pistacia lentiscus. Roomi mustaky. Tonic.

Psoralia corylifolia. Carpoga arisee. Used in skin diseases.

Plantago ispagula. Aspogal verei. Demulcent, refrigerant.

Plumbago Zeylancia. Chitramoolum. Stimulant, vesicatory.

Pterocarpus marsupium. Voothera vanga. puttay. Stimulant, alternative.

Prosopis spicigera. Vunni puttay. Stimulant.

Polygonum barbatum. Alary vayr. Used externally in cutaneous diseases.

Portulacea quadrifida. Passala keeray. Its juice is used externally in erysipilis.

Pterocarpus santalinus. Segappoo santhanum. Carminative.

Punica granatum seeds. Mathalum verei Refrigerant.

Ptychotis. Isbunth. Used in cases of dyspepsia.

Polygala senaga. Senaga vayr. Stimulant expectorant, diaphoretic and emetic.

Quercus infectoria. Mausukkai. Astringeut, much used in children's diseases.

Quercus cortex. Oak bark. Astringent.

Rape seeds, wild. Kattoo elloo. Used externally in eye diseases.

Raphanus sativus. Mollungee verei. Diuretic.

Resin black. Karoopoo koongilium. Refrigerant.

Rheum palmatum. Variathoo kalungoo. Purgative, astringent.

Rhubarb, kind of. Rehvin katai. Purgative astringent.

Rosa. Punneerpoo or Goolaboopoo.

Rubia munjista. Munthitti vayr. Used in rheumatic cases.

Ruellia strepens. Kirendy naiagum. Applied in cases of eruptions consequent on teething.

Ricinus communis. Amanakun vayr. Laxative.

Ricinus communis root. Pillamanakun vayr. Laxative, stimulant.

Santalum album. Santhana cuttay. Carminative, tonic.

Salvia Indica. Sage elay. Its infusion is used as a gentle tonic aud stomachic.

Sabinea candida. Sabina elay. Stimulant.

Solanum. Kuttire vayr. Expectorant, diuretic.

Swietenia febrifuga ? (Coronilla sesban.) Sembooran puttay. Used for cutaneous diseases.

Sanseviera Zeylanica. Marul kalungoo. Tonic. and cooling.

Sida ? Toothala sookkoo. Expectorant stimulant.

Semecarpus anacardium. Sayng cottay. Stimulant, used in paralysis.

Scopolea aculcata. Moola carana. Stimulant.

Scopolea aculeata. Kotta carana.

Shell lac. Avool aruckoo. Used as a liniment in cases of paralysis.

Sison ammi, bishopsweed seed. Womum. Carminative, stimulant.

Sison ammi, from Surat. Ajumatha womum. Carminative, stimulaut.

Sida Mauritiana. Thoothee verei.

Sida lanceolata. Malathangy vayr. Used in rheumatic cases.

Sirrookalurva bark. Used in rheumatic cases.

Sirroonaugappoo. (Cassia buds.) Astringent.

Strychuos potatorum. Tatang cottay. Diuretic.

Strychnos nux vomica. Yetty cottay. Used in rheumatic cases.

Styrax benzoin. Sambranee. Used in rheumatism.

Stroemia tetrandra. Veela vayr. Purgative.

Smilax China. Paranghy chukkay. Tonic, used in rheumatism, alternative.

Smilax. False china root. Sirrookuttoo cody. Alternative.

Solauum jacquini seeds. Kundungkuttire verei. Used in gastritis.

Solanum pubescens root. Soondacai vayr. Stimulant.

Solanum nigrum root and seeds. Manathacale Refrigerant.

Solanum Indicum. Sirroo vashuthalie vayr. Used in rheumatism and in head and chest affections.

Solanum trilobatum. Thoothoovala vayr. Stimulant.

Spermacoce hispida, seeds. Nuttachooree verei. Alternative.

Sphæranthus Zeylanicus. Siva keranthe vayr. Used in fever and cutaneous diseases.

Sphæranthus indicus. Kottan karanthay. Alternative.

Sorrel, a kiud of. Pooleearana. Used in hæmorroids.

Suksthra bathee. Used in fever, it is also stimulant and expectorant.

Sinapis. Kadoogoo. Emetic, stimulaut.

Serpentaria. Snake root. Stimulant tonic, diaphoretic, and emmenagogue.

Sinapis alba. Venkadoogoo. Stimulant.
Tarunj akurby. Tonic.
Terminalia chebula. Kadookai pingee. Astringent.
Terminalia alata. Maroothum puttay. Used in diabetes.
Terminalia chebula flowers. Kadooeai poovoo. Astringent, expectorant, febrifuge.
Terminalia chebula species of. Munnoothe kadookai. Astringent; laxative.
Terminalia chebula. Kadooeai. Laxative, astringent.
Terminalia chebula, kind of. Kabool kadocai. Laxative, astringent.
Terminalia bellerica. Thanieai. do.
Terminalia embliea, seeds of. (*Emblica officinalis.*) Nelli verei. Refrigerant.
Trigonella fœnum grœcum. Vendium. Astringent, cooling.
Toothali suffed. Refrigerant.
Tormentile root. Tormentile vayr. Astringent, used in diarrhœa and chronic dysentery.
Thorn bush, roots of. Vara moollee. Diuretic.
Tamarindus Indiea. Pooleum puttay. Stimulant.
Tribulus terristris. Sirroo neringee. Diuretic.
Tricosanthes laeinosa. Peypoodal. Used to suppress vomiting.
Tricosanthes. Kakkanutehoo. Used in cases of retention of urine.
Tricosanthes palmata root. Savare kalungoo. Antibilious.
Tricosanthes fruit. Savarei kai. Antibilious.
Tricosanthes incisa. Sirroo corutta. Poison.
Trajia cannabina. Poona canehooree. Febrifuge.
Trajia cannabina. Sirroo canehooree. Febrifuge.
Nicotiana tabacum. Poogaelay verei. Narcotic.
Trophis aspera. Perayan verei. Used in rheumatism.
Trianthema monogynia. Vellaeharana vayr. Used in rheumatism.
Turmeric, species of. Sunni puttay. Stimulant.
Valeriana jatamansi. Jadamangee. Carminative, febrifuge, used in diarrhœa.
Vanilla root. Vanilla vayr. Aromatic, stimulant.
Ventilago Madraspatana? Vaymbadam puttay. Used in cutaneous affections.
Vernonia anthelmintica. Kautoo seeragum. Used in leprosy affections.
Veratrum album. Pither roganee. Used as collyrium.
Vilamitcha vayr. Vilamitcha vayr. Antibilious.
Viola suffruticosa. Orilathamaray. Refrigerant, tonic.
Vitex negundo. Nochili. Used in cases of tympanitis.
Valerian root. Valeriam vayr. Stimulant.
Vernonia anthelminitica. Sittoolaw vayr. Purgative.
Wrightia antidysenterica. Conessi root.
Xanthium. Mareovoomatha vayr. Narcotic.
Zinziber officinale. Sookoo. Aromatic carminative.

(*Unclassified.*)

Ail puttay. Stimulant and febrifuge.
Aftheman. Stimulant, used in head affections.
Abboollaus. Used as an antidote to poisons.
Athevadium. Carminative, used in diarrhœa.
Baikumba. Stimulant.
Bahamani soofeid. Tonic, cooling.
Bahamani soork. Tonic and stimulant.
Beesbund. Narcotic.
Bojuthan. Used in various diseases.
Colombo root. Calumbo. Tonic.
Erookalum vayr. Used in rheumatic affections.
Flag poisonous, white. (*Aconitum ?*) Kalappa kalangoo. Stimulant.
Flag poisonous black. (*Aconitum ?*) Karoo nauby. Sedative, febrifuge.
Ingilikum. Stimulant, used in lockjaw.
Jareeshuck. (*Zizyphus jujuba ?*) Jareeshuk.
Kashi noray. Diuretic.
Karappan plant. Karappan poondoo. Used in skin diseases.
Kaiphul bark. Kaiphul chuckay. Used in rheumatism.
Kaurikoon. Stimulant, used in rheumatic cases.
Shulgum verei. Tonic.
Kaugoo seeds. Refrigerant.
Kasoos. Refrigerant.
Kavoonvalaw. Stimulant.
Kilioorum puttay. Used in headache in the form of a liniment.
Kittoomee root. Refrigerant.
Kolamookoo chuckay. Antibilious, alternative.
Kothalankai. Alternative, stimulant.
Kunnikoomary kalangoo. Refrigerant.
Kuppajee. Refrigerant.
Kukkoopalay. Expectorant.
Maroolmathangy. Tonic
Mathanmusthoo. Tonic.
Maratia mooghoo. Tonic, narcotic.
Moollishonay root. Mullishony kalungoo. Used in rheumatism.
Mythalukady. Used as anodyne application.
Mysatchy. Used as an anodyne application.
Naroopaithan plant. Antibilious.
Narooli kai. Tonic.
Nirveshum. Used as an antidote in cases of poison.
Ooppoola plant. Ooppoola cody. Used in tympanitis and looseness of bowels.
Peruppan kalang. Used in rheumatism.
Bisfaej. Tonic, refrigerant.
Peysoora kody. Expectorant.
Pillanthe root. Tonic.
Parunghi mooshuk. Stimulant.
Putchay leaves. Used in skin diseases.
Papetha. Santhanasoo cottay. Astringent, used in cholera.
Samakoothanah. Carminative.
Saujeraw. Carminative.
Sadaputhee. Alternative.
Saravattoo mootharj. Laxative.
Ponga puttay. Tonic.
Pavukkah root. Alternative.
Nauga puttay. Astringent.
Kottam kody. Used in rheumatism.
Ponnakutty. Used in cutaneous diseases.

Sirroovilam vayr. Used in cutaneous diseases.
Batharingeboya. Carminative, alternative.
Sevelly. Used in leprosy.
Putcharay elay. Diuretic.
Kottisanthoo. Refrigerant.

Madras.

3603 Nux vomica. Madras. Messrs. Binny & Co.
3603 Cocculus indicus, do. do.
8700 Ext. of Dandelion with seeds, 4 oz. Dr. Riddle. Poonah.
8723 Star aniseed. Dr. Cleghorn.

Madura.

(Veedapoongun.)

Agave. Soathoo cuttaly leaf.
Anthemis pyrethrum. Akur-kurra.
Abrus precatorius (black variety.) Curpoocondamumnee.
Abrus precatorius (red variety.)
Alangium decapetalum. Alinjee seed.
Amaranthus. Keeray.
Acacia feruginea. Seeacoy seed.
Achyranthes aspera. Navoorie seed.
Abrus precatorius. (yellow variety.)
Agati grandiflora. Agati seed.
Amaranthus. Ari-keeray seed.
Acorus calamus. Sweet flag.
Agati grandiflora. Agati seed.
Anethum graveolens. (Dill.) Saithacoopy.
Abrus precatorius (pink variety.)
Acalypha Indica. Koopamany.
Asclepias vomitoria. Koorinja.
Aristolochia bracteata. Addatina.
Argemone Mexicana. Coorookoo molly.
Barringtonia speciosa. Samutra fruit.
Bassia longifolia. Illoopoo flowers.
Barleria longifolia. Neermoolie seeds.
Bambusa arundinacea. Bamboo rice.
Bryonia scabra. Moosee moosee kai.
Bambusa arundinacea. Bamboo rice.
Barleria longifolia. Neermoolie plant.
Bryonia——? Pay-coomteekai seed.
Coscinium fenestratum. Mara munjil.
Cinamomum iners. Siroo nagapoo. Cassia buds.
Cassia auriculata. Avary seeds.
Crotalaria juncea. Jauapa seed.
Curcuma zedoaria. Custoorie munjil.
Cocculus indicus. Kaca colly seed.
Cleome viscosa. Nayee cadaghoo.
Canthium parviflorum. Naga valli root.
Celastrus paniculata. Valooloovay seed.
Cassia —— ? Cassia seeds.
Calotropis gigantea. Yercum seeds.
Crotolaria juncea. Janapa.
Cucumis —— ? Paloova seed.
Cyperus juncifolius. Koaray root.
Cassia sophera. Poonaverie.
Croton tiglium ? Narivela bark.
Crinum Asiaticum. Veshei moonghie.
Cissus quadrangularis. Perunday.
Crotalaria verrucosa. Vutta killookillupei.
Cleome viscosa. Naiyavalay.
Cannabis sativa. Ganja (sprig.)
Curculigo orchioides. Nelapanny root.
Cleome viscosa. Nai-kadagoo.
Cynanchum extensum. Vailie parotty.
Cassia auriculata. Avary.
Datura. Oomatie kai.
Euphorbia tirrucalli. Kulli.
Erythrina Indica. Seeds.
Emblica officinalis. Nellie kai.
Ficus. Arasa seed.
Ficus —— ? Alam seeds.
Flacourtia cataphracta. Talisputrie.
Ficus. Ala seed.
Guilandina bonduc. Gatchcekai seed.
Glycyrrhaza glabra. Liquorice root.
Hydnocarpus inebrians. Maravettie leaves.
Hispida spermacoca. Nattay choorie.
Helleborus niger. Kadoogaroonic root.
Hemidesmus Indicus. Sarsaparilla.
Hispida spermacoca. Nutta choory.
Illicium anisatum. Star anise.
Illecebrum lanatum. Sirroo poolay.
Justicia nasuta. Nagamullie.
Justicia adhatoda. Adatoaday.
Lawsonia inermis.
Lepidium sativum. Yallee seed.
Michelia —— ? Maratta kamapoo.
Michelia chumpaka. Sembaga buds.
Mala vaimboo.
Mangifera Indica. Mango bark.
Moringa pterygosperma.
Menisperum cordifolium. Seendi coday.
Nelumbium speciosum. Thamaray seed.
Nauclea parviflora. Neer cadamboo.
Naringy. (Tribulus terrestris.)
Ocimum album. Cunjan coaray.
Ocimum basilicum (?) Rama Toolasie.
Ocimum sanctum. Toolsie.
Oldenlandia umbellata. Imboora root.
Plantago ispagula. Spogul seeds.
Psoralea corylifolia. Karpooga seed.
Piper longum. Anay tippelay.
Ptychotis ajowan. Omum seed.
Pongamia glabra.
Pandanus odoratissimus. Thalay eoday.
Pavonia odorata. Paramootie.
Ptychotis ajowan ? Womitay.
Periploca sylvestris. Sirroo koorinja.
Portia ? Poovarasum bark.
Ricinus communis. Amunakoo.
Sida. Thootie seed.
Strychnos potatorum. Taitan seed.
Smilax china. Paringhy puttay.
Sida. Tootee.
Sittapaootie. (Pavetta ?)
Terminalia chebula. Cadooka flowers.
Thespesia populnea. Vavasum seeds.
Tradescantia axiliaris ? Nirpoola.
Tribulus terrestris. Naringy.
Vervena nodiflora. Podootalei.
Vitex. Vellay noochie.
Vitex —— ? Anjalay noochie.
Vitex —— ? Caroo noochie.
Wrightia antidysenterica. Palla seeds.

(Unclassified.)

Poonacally verei.
Sem parotty.
Vishnoo krandie.
Athee vedium. *(Aconitum)*
Alee seed.
Boomechuckra.
Ponnah seed.
Saroo semittie.
Myconnay.
Vella kakanuddy.
Yaroomay saranaddy.
Neela koomil poondoo.
Melagoo tukkauly.
Kunnoo vaylee poondoo.
Koombow pauvay.
Nela vongay.

Veely.
Paroovengay.
Vellârookoo.
Palumbasee.
Marootlhoody.
Tavasoo mooringay.
Cooloomitehee.
Vunnathy root (orchis?)
Paroonthoombay.
Aroonthooval pooudoo.
Aloomitehay. (Citrus?)
Neermall naroopoo.
Voyeal sadaehy.
Sutty saranuddy.
Coavaeoady.
Caroo thoomby.
Vella roogoo.
Nullutay.
Nadoon jaranudy.
Verawly.
Vellindoo.
Carippan.
Tet koodookoo.
Sittaguttee.
Keel kanellic.
Vellay saranutty.
Kaluehy. (Guilandina ?)
Soondacoy.
Kathaly poodoo. (Agave ?)
Tayngoy poondoo.
Kuchandaray.
Oleander. Arale.
Poannan guuny.
Teroovatty.
Carandie.
Keeray moolee.
Poonakootaly.
Eroopawul.
Kuchandra.
Calibonday root.
Karisee langunny.

Nellore.

(*H. Young, Esq.*)

2110 Ægle marmelos.
2138 Azadirachta indica. Vapa valloo.
2101 Barleria longifolia. Neeroogoobbie.
2146 Buehanania latifolia bark. Autiea mamedi bark.
2090 Cathartoearpus fistula. Rala eayah.
2080 Coseinium fenestratum. Mau-pussoopoo.
2191 Cueumis colocynthus. Coloeynth.
2147 Embliea offieinalis.
2186 Ficus raeemosa. Suthipity root.
Glyeyrhaza glabra. Liquoriee root.
2095 Hemidesmus indicus.
2215 Lepidium sativum. Audaloo.
2220 Nigella sativa. Nulla jeeleeara seed.
Oeimum. Roothragala.
2199 Ptychotis ajawan. Womum.
Piper longum. Pippaloo.
Plantago ispagula. Yissapa yelloo.
2421 Pharnaeeum cerviana. Parpadagham.
2194 Pimpinella anisum. Anise seed.
2174 Ruta graveolens. Sada eoopie.
2002 Vitex negundo. Curpooravally.
2201 Wrightia antidysenterica. Codiea paloo.
2088 Plumbago Zeylaneia. Chittramoolum.
2098 Cureuma zedoaria. Cnstooric pussoopoo.
2139 Dalbergia arborea. Canooga root.
2128 Sethia indiea. Devadari root.

(*Unclassified.*)

2111 Audivi monaga root,
2140 Auvese root.
2161 Auroothunda root.
2188 Authurtha mara root.
2075 Brumathundoo root.
2075 Boo-chuckra gudda.
3084 Boodatharam root.
2081 Chetigara root.
2099 Cunnaeoomari gudda.
3100 Chatoopoollah.
2105 Colamookie bark.
2118 Cheekeeranee root.
2135 Cheery root.
2136 Chitamootie (Pavonia) root.
2160 Chetieasarapoo root.
2176 Chadarasee valoo.
2178 Currapacoo.
2179 Culbunda.
2182 Cullasa root.
2187 Coosooma root. (Carthamus tinctorius.)
2093 Doorood agoondoo root.
2133 Dunthee root.
2124 Golimide root.
2149 Guljaroo root.
2163 Goorinta root.
2169 Goonta galajari root.
2170 Garica root.
2076 Muuga root.
2087 Mooshtee root.
2123 Munehee-goomadee root.
2134 Moolaca root.
2147 Moondla golimede root.
2150 Murry woodaloo.
2252 Moonaga root.
2157 Moondla gointa root.
2385 Nara mamidi bark.
2106 Nulla tungadhoo.
2126 Nulla golimide root.
2156 Nulla woosicara root.
2171 Neelie root.
2175 Nulla poona root.
2177 Nulla vaimpalai root.
2183 Nulla valaga root.
2184 Nulla thagada bark.
2185 Noogoothasa bark.
2077 Pamoogudda.
2086 Pooda puthrie.
2092 Pennaroo gudda.
2109 Padamaunee bark.
2117 Padamoonoo eoodoo.
2120 Paula goomadee root.
2121 Paumoothoonda root.
2125 Paula ehettoo.
2129 Pedda-gaura root.
2137 Paupara root.
2148 Pullarooo root.
2151 Pitehica beera root.
2164 Padamully root.
2131 Sooria cantha root (Carthamus tinct.)
2082 Tella gunjaroo root.
2083 Tapasee root.
2497 Toonga moshtaloo.
2103 Tella voopy.
2112 Tella gooriginga root.
2114 Tella goontanee root.
2119 Tella tagada root.
2122 Tella pooloo goodoo root.
2173 Tella vaimpalai root.
2180 Tella garica root.
2089 Visha boddoy root.
2108 Vadooroovoo-poo.
2116 Velloo thooroo.
2127 Vauvelee root.
2132 Vishnoo eantha root.
2153 Vaeoodoo root.
2172 Vampalei root.
3174 Vominta root.
2107 Wasa root.
2158 Woomati root.
2181 Woodymanoo root.
2079 Yeesoovara root.
2161 Yanooga pullaroo root.

Imported drugs.

2289 Aquillaria agalloeha. Agil kurra from Bombay.
2293 Cinnamomum iners. Naga easaraloo buds.
2280 Cassia einnamomum. Darehinie.
2275 Cooroovaroo from Salem.
2279 Costus arabicus ? Chungula cooshtoo from Bombay.
2282 Cataear-eheenie from Singapore.
2297 Cuminum cyminum. Jalaeara from Bellary.
2300 Cooncoomapoo (Saffron) from Bengal.
2288 Doomparashtaeum from Chandragherry.
2304 Ingoova from Arabia.
2224 to 2298 Myristica moschata. Mace and nutmegs from Malyalum.
2367 Mody from Budrachellum.
2292 Machekai from Coorg. (Quereus infectoria.)
2279 Meryaloo or pepper from Malabar.
2303 Mysachee from China.
2285 Naubhee from Coorg.
2302 Nulla eaehoo from Bellary.
2283 Purrunghee bark from China. (Smilax China.)
2286 Rawul-e-ehinie from Persia.
2276 Savium from Malabar. (Piper nigrum.)
2287 Sunnarashtacum from Chendragherry.
2295 Sullava merialoo from Malabar.
2305 Tella canehoo from Bellary.

Pegu.

(*Dr. Brandis.*)

8919 Umbellifera ? "kambaloo" used by the Burmese ladies as a powder for the faee.
8920 Croton species. "Thoyin kadoe" used as medicine.
8924 Croton species. "Thaijingipee, medieinal.
8922 Grewia species. "Thajan" used for washing the hair.
8923 Todalia species. "Katheetsoo" used as a medicine and also as a powder for the faee.
8928 Nymphæa. Five varieties used as a medicine and eaten as a dainty.
8932 Ocimum sanctum. "Peinzaing zee," steeped in water and drunk as sherbet.
8936 Piper longum. "Peikeheen." Used medicinally.
8240 Semeearpus anacardium. "Kjaithee" used medicinally.
8242 Adenanthera pavonina. "Toney gee" used as weights.
8943 & 4 Abrus preeatorius "Zeng yona-nee," medicine.
8945 Guilandina bondue. "Kalyng" used medicinally.
8946 Coix lacryma. "Kyey zee," used as ornaments.
8948 Croton tiglium. "Kanakah."

Pondicherry.

Anethum graveolens. Sadaeoopie. L. C.
Physalis flexuosa. Amukoona kilangoo. Appow Moodelly.
Adenanthera pavonina. Loeal Committee.
Vetivera odoratissima. Vettiver. Soobaroy Pillay.

Salem.

(*Apothecary Huffton.*)

2524 Aloe species. Aloes.
Ægle marmelos. Bael fruit.
Aeacia eateehu. Catechu.
Agathotes chirayta. Chireeta.
Alpinia galanga. Galanga root.
Aristolochia Indiea. Birthwort.
Argemone Mexicana. Prickly poppy.
Aeorus calamus. Sweet flag.
Butea frondosa. Dhak kino.
Cucumis colocynthus. Coloeynth.
Cassia senna. Senna leaves.
Croton tiglium. Croton seed.
Crotalaria juncea. Country hemp.
Datura ? Thorn apple seed.
Gardenia gummifera. Dikkamaly gum.
Guilandina bondue. Bonduc root.
Hemidesmus Indieus. Sarsaparilla.
Hydroeotyle asiatica.
Pharbitis nil Kala dana.
Plumbago Zeylanica. Indian lead wort.
Stryehnos potatorum. Clearing nut.
Strychnos nux vomica. Nux vomica.
Wrightia antidysenterica. Rosebay seed.
Opium.
Cannabis sativa. Ganja.
Ipeeacuanha eountry. (Aselepias ? Crinum ? Randia ? Pœderia ?)

Tinnevelly.

8637 Senna 250 lbs. Rupees 80. T. Vasudavoo.
8639 Senna 125 lbs. Coopehund. Tinnevelly.
124 Senna seed, of the European variety, from Ganapathy Shastry.
125 Senna leaves exotie. Samoovien.

Travancore.

(*Dr. Waring.*)

3286 Azadiraehta Indica bark.
3307 Acorus calamus. Sweet flag root.
3309 Azadirachta Indica. Gum.
3310 Andropogon muricatus. Cus-eus.
3327 Aeacia arabica. Karoovelum bark.
3331 Alpinia galanga.
3308 Acaeia feruginea. Valum gum.
3287 Barringtonia speeiosa. Samutera palam.
3321 Butea frondosa. Poorasan seeds.
3284 Coseinium fenestratum. Wood turmeric.
3290 Cueumis eoloeynthus. Coloeynth.
3291 Cathartoearpus fistula. Konnay kai.
3303 Croton tiglium.
3304 Cocculus Indicus. Pollaeooroovoo.
3311 Cocos nueifera. Cocoanut gum.
3314 Cinnamonum iners. Carrawah puttay.
3322 Calophyllum ealaba. Pinnay flowers.
3289 Elettaria eardamomum. Cardamoms.
3299 Emblica officinalis. Nellie kai.
3324 Flaeourtia cataphracta.
3295 Guilandina bondue. Bonduc nut.
3298 Hebradendron gambogioides. Kodukka pooly.
3292 Isora eorylifolia. Valumbri kai.
3326 Illicium anisatum. Turkolum.
3306 Kæmpferia galanga.
3297 Michelia champaea. Champaca buds.
3310 Moringa pterygosperma. Moringa gum.
3313 Pteroearpus marsupium. Oodarie vaengy gum. (Kino.)
3316 Pteroearpus santalinus. Red sandal wood.
3318 Pothos offieinalis. Athi thirpilli.

3323 Piper longum. (sliced root.) Thirpili moolum.
3328 Piper nigrum. (stems.) Chevium.
3325 Physalis flexuosa. Amookoonum.
3288 Quercus infectoria. (galls.) Majoophul.
3302 Ricinus communis. Castor seed.
3293 Strychnos potatorum. Clearing nut.
3305 Strychnos nux vomica. Yettie seed.
3294 Semecarpus anacardium. Marking nut.
3315 Santalum myrtifolium. Sandal wood.
3385 Tribulus terrestris. Neringee.
3396 Terminalia chebula. Inknut.
3339 Terminalia chebula. (unripe friut.) Boroovaila kadookai.
3320 Trianthera monogynia. Charunnay root.
3300 Vernonia anthelmintica. Caatoo seeragum.
3301 Wrightia antidysenterica. Veppala seed.
3319 Macarangua tomentosa. Cheeroo theka.
3327 Karkada singoo.

Travancore.

(Local Committee.)

3361 Alpinia galanga. Kulongie root.
3336 Andropogon muricatum. Cus cus.
3338 Artocarpus integrifolia, fungus of. Pela. munjill.
3350 Abrus precatorius (white variety.) Vellatha coonycooroo.
3351 Abrus precatorius (red variety.) Sivautha coonycooroo.
3352 Adenanthera pavonina. Maunjadycooroo.
3358 Acacia arabica. Karoovelum bark.
3374 Agrotis linearis. Arooga root.
3375 Acalypha Indica. Koopamaenee.
3369 Acacia catechu.
3334 Hydnocarpus inebrians. Maravettee seed.
3347 Cœsalpinia sappan. Chappungoo.
3356 Cassia auriculata. Avary root.
3367 Calotropis gigantea. Errookala root.
3368 Cyperus juncifolius. Koaran root.
3378 Dalbergia arborea. Poongum reot.
3373 Hemidesmus indicus. Nunnary root.
3349 Indigofera. Indigo.
3339 Indigofera eucaphylla. Chemboo neringie.
3333 Momordica charantia ? Karun-jootie seed.
3364 Memispermum cordifolium. Senthoo-coodie.
3353 Mimosa abstergens. Cheeakai.
3312 Macarangua indica. Vuttata mara gum.
3342 Oldenlandia umbellata. Umboora root.
3348 Oldenlandia umbellata. Chay root.
3377 Plumbago Zeylanica. Codoovaily root.
3365 Pavetta Indica. Pauvettie root.
3340 Solanum jacquini. Kundumkuthree.
3341 Solanum trilobatum. Thootoovelei.
3362 Squilla ? Wild onions. Vishamoongil root.
3354 Terminalia bellerica. Thanikai.
3337 Ventilago Madraspatana. Vaempadumputtay.
3372 Vitex negundo. Nootchee root.
3332 Zizyphus jujuba. Elanthacooroo.

(Unclassified.)

3344 Choutoo konnay bark.
3345 Cheelaunthee bark.
3366 Caroon-thoothee root.
3335 Erroovoœli root.
3376 Esangoo root.
3359 Koomil root.
3363 Karun-jootei root. (Samadera Indica ?)
3346 Manjananth bark.
3355 Peenarum bark.
3357 Panee root.
3371 Peroon thoomba root.
3360 Senthatty root.
3343 Tiroomalay konnay bark.
3370 Thy vaula root.
3377 Vanghaputty.

SECTION III.

Chemical and Pharmaceutical products derived from the Animal kingdom.

Fish liver oil.

(See also Class IV)

Shark liver oil, Mr. A. Collas. Pondicherry. " The oil of the shark's liver could in case of need be substituted for that of the codfish now so indispensible in pharmacy.

It occupies in our colonies an equally important station as that of the " Huile du foie de gades." But I proceed to speak of its medicinal uses. The following is the process I have employed in preparing the shark liver oil, it is similar to that in use in the Companys' territory.

After having carefully washed the liver and taken out the gall bladder, cut it in pieces and boil it in a large earthen vessel for nearly an hour constantly stirring with a wooden spoon. The liver should not boil too quickly. When the oil floats on the surface of the water skim it off and allow the liver to remain in a quiet place in an open vessel for two days, then boil again and collect the oils it rises. Filter to remove impurities. A cauldron and a washing rough are all the implements required for this manufacture.

When recently made, Shark liver oil has a brilliant amber colour which may be compared with advantage to that of old brandy. At a temperature of 30° it is perfectly fluid, its smell and taste being almost exactly like that of cod liver oil. Sulphuric acid dropped on a film of shark liver oil produces a colour almost identical with that which distinguishes the cod liver oil.

By rest, the most transparent shark liver oil deposits even after many filtrations a considerable quantity of a greasy substance, slightly flocculent and white. It may be separated by simple filtration. This is evidently stearine. In order to distinguish it from the stearine of commerce I have given it the name of "*Squalin.*" After being separated from the oil by two or three filtrations it is a fluid greasy mass, retaining a certain quantity the oil. I do not hesitate to affirm that this *squalin* in an important addition to the pharmacy of tropical climates and is likely to be useful in our arsenals.

Shark liver oil is given in all diseases of which debility is the prominent symptom, provided there is no affection of the digestive organs ; in short in every case of sickness unaccompanied by fever. Shark liver oil has been carefully tried in the treatment of leprosy, and it appears by a report of the Madras Medical Board " on the value of the Hydrocotyle Asiatica" that this oil has effected much improvement in the state of the lepers.

I have tried pure shark liver oil in the treatment of obstinate wounds and ulcers to which the inhabitants of tropical countries are so subject, and especially those who live in unhealthy localities, where the ulceration of the skin is one of the evidences or at least one of the effects of miasmatic poisoning.

I have no hesitation is saying that in these cases these substauces, (the oil and the stearine) and especially the *squalin* are most valuable for the treatment of grievous ulcers. To apply the squalin it is sufficient to spread it like an ointment on a piece of lint, and as for the oil, pieces of lint or tow are saturated with it and applied. It is advisable to eover the application with a piece of plantain leaf or other vegetable, to prevent the oil being absorbed by the bandage.

This oil can be easily used for making ointments and preparing embrocations for rheumatism, and the squalin can be employed as a vehicle for other preparations used in the treatment of skin diseases.

It does not grow rancid like *Axonge,* it is besides more solid than that fat, which is altogether fluid at the usual temperature of Pondicherry, and which must be mixed with suet to give it the consistence necessary to form a good ointment.

I feel assured that shark liver oil could be used with advantage on board ship in the treatment of contused wounds of every sort.

I have tried cod liver oil in the treatment of wounds and ulcers but have not found it to answer as well as the shark liver oil ; indeed cod liver oil does not seem to me superior to any other oil."

Mylabris.

368 Mylabris. Dr. Kirkpatrick.
Mylabris. Salem. Apothecary Huffton.
Mylabris cichorei. Dr. Jesudasen.
Mylabris pustulata et punctum. Mr. Collas, Superintending Surgeon of the Navy. Pondicherry.

Miscellaneous.

Oyster shell. Zungsurmachi. Kurnool.
8113 Lacerta species. Regkami. Do.
8235 Coccus species. Birbuhooti. Do.
8226 Bezoar from the cow. Mairmanicum.
Bombyx mori or silk worm. Puttoo poochie.
Cocoons of the silkworm. Puttoo poochie koondoo.
Calculus cisticus (bovis). Koroshanum.
Calculus camelinus. Woonda koroshanum.
Coccus cacti or cochineal.
Lac. Koombaruck.
Musk. Kustoorie.
Meconium. (Young camels.) Rassavuttoo.
Turtles shell. Amay odoo.
Lacerta species. Lizard (said to be imported from Arabia.)

(End of Class II.)

H. P. HAWKES.

INDEX

TO THE VERNACULAR NAMES OF PLANTS USED IN NATIVE MEDICINE.

NOTE.—It is much to be desired that the following uniform system which has been adopted in rendering the Vernacular names into the Roman character should be universally used, by so doing the English word can be at once reconverted into its Native character when required.

TELUGU.

The Roman letters equivalent to the Telugu alphabet are as follows.

అ	a	ఆ	á	ఎ	e	ఏ	é
ఇ	i	ఈ	í	ఐ	ai		
ఉ	u	ఊ	ú	ఒ	o	ఓ	ó
ఋ	ru	ౠ	rú	ఔ	ou		
ఌ	lu						

క	ka	ఖ	k'ha	గ	ga	ఘ	g'ha	ఙ	gna
చ	cha	ఛ	ch'ha	జ	ja	ఝ	j'ha	ఞ	nya
ట	ta	ఠ	th'a	డ	da	ఢ	d'ha	ణ	na
త	tu	థ	tha	ద	da	ధ	d'ha	న	na
ప	pa	ఫ	p'ha	బ	ba	భ	b'ha	మ	ma
య	ya	ర	ra	ల	la	వ	va	శ	sa
ష	sha	స	sa	హ	ha	ళ	la	క్ష	ksha

Alli. Memecylon
Abuvva. Trichosanthes.
'Adivi munaga. Moringa pterygosperma.
Addasaram. Justicia adhatoda.
Aduuda or 'Arundunda. Capparis horrida.
Alla nérédu. Eugenia jambolana.
Anumulu. Lablab vulgaris.
'Arika or árika guddi. Paspalum scrobiculatum.
'Aré. Bauhinia parviflora.
Ada sámali. Helicteres isora.
Asóka. Guatteria longifolia.
Adivi avisi. Linum usitatissimum.
Alukala baddu. Vitis tomentosa.
'Aré tiga. Dioscorea.
Antisa. Achyranthes.
Ada buckudu. Ehretia lœvis.
Atukula bodda. Vitex tomentosa.
Ataka mámidi. Boerhavia procumbens.
Amudam chettu. Ricinus communis.
Ariti chettu. Musa paradaisica.
Amadakáda. Tradescantia axiliaris.
Adivi nábhi. Gloriosa superba.
Ala chundala, or Bobbarlu, or Zulumulu, or Vinnacotay ginjalu. Dolichos sinensis.
Avisi or Agisi. Agati grandiflora.
Anása. Bromelia ananas.
'Aku jemudu. Euphorbia neriifolia.
Ambála chettu or Ivaru mámedi. Spondias mangifera.
Budada nédi. Careya arborea.
Bonta tiga or Kristna véni. Urtica.
Bandáru. Nauclea cordifolia.
Budda búsara or Budda kakara or Ullena tiga. Cardiospermum halicacabum.
Boddu tunga. Cyperus.
Bandi katte tiga. Combretum ovalifolium.
Bokkudu. Hydrocotyle (large kind.)
Botta benda or Tuturu benda. Abutilon Indicum.
Billu. Chloroxylon.
Bodda kura. Amaranthus sp.
Billa juvvi or Yammoduga. Ficus nitida.
Buudigurwinda. Adenanthera pavonina.
Bomma kachika. Costus speciosus.
Bettapu chettu. Calamus rotang.
Búruga chettu. Eriodendron anfractuosum.
Bauka nakkera. Cordia myxa.
Burija. Hymenodicton excelsum.
Bálabundu tiga or Choula pilli tiga. Ipomœa pes capræe.
Bádida. Erythrina Indica.
Bádam. Terminalia catappa.
Barranki. Trophis aspera.
Bandaru. Sida acuta.
Bramha jemudu. Euphorbia antiquorum.
Bhú tulasi. Ocimum pilosum.
Budda chettu. Grewia hirsuta.
Chennangi. Lagerstrœmia microcarpa.
Chinna bótukúra. Cordia.
Chilla or Indupu chettu. Strychnos potatorum.
Chavalapurikáda. Andrographis echioides.
Chitti ankuda. Wrightia tinctoria.
Chiri benda. Sida cordifolia.
Challa gumudu. Gmelina arborea.
Chinna rantu. Justicia sp.
Chiri duduga. Celastrus emarginatus.
Chinni chettu. Celastrus emarginatus.
Chamalli chettu. Helicteres isora.
Chiri gilich-cha. Crotalaria laburnifolia.
Chiri véru. Oldenlandia umbellata.
Chitt amudam. Ricinus communis fr; min:
Chíkáya or Síkáya. Mimosa concinna.
Chámanti. Guilandina bonduc.
Chinta chetu. Tamarindus Indica.
Chandra kanta. Mirabilis jalappa.
Chitramúlam. Plumbago Zeylanica.
Chama or Tamma. Dolichos gladiatus.
Chóllu or Tamidelu. Eleusine coracana.
Déva dáru. Sethia Indica.
Daduga or Kumbhi. Nauclea cordifolia.
Dévá dari. Salvadora Persica.
Dúdi chettu. Abutilon Indicum.
Dushtu paku. Dæmia extensa.
Davanam. Artemisia vulgaris.
Dirisana. Acacia speciosa.
Dabba. Citrus medica ?
Déva kanchana. Bauhinia acuminata.
Dúlagonda. Tragia cannabina.
'Eapikarra. Bauhinia diphylla.
Gotte chettu. Zizyphus xylopryus.
Gumudu chettu. Gmelina arborea.
Gáyapa áku. Sida humilis.
Gabbu nelli. Premna longifolia.
Gurrapu badam chettu. Sterculia fetida.
Garugu chettu. Garuga pinnata.
Gadda pasinika. Grislea tomentosa.
Gulivinda tiga. Abrus precatorius.
Gunta kalagara. Eclipta prostrata.
Ganjavi. Canuabis sativa.
Gutti bíra. Luffa amara ?
Ganga rávi. Thespesia populnea.
Ganga pávilakúra. Chenopodium album.
Gobbi. Astcracantha longifolia.
Gach-cha. Guilandina bonduc.
Gógu. Hibiscus cannabinus.
Gára chettu. Balanites Ægyptiaca.
Hanumunta bíra or maga bíra or mábíra. Leonotis leouurus.
Indupu or Indugu chettu. Stychnos potatorum.
'Isara or Tella iswara. Aristolochia Indica.
Iruguddu chava. Dalbergia.
'Ilakúra, Salsola Indica.
Ippa. Bassia latifolia.
'Ita chettu. Phœnix sylvestris.
Illinda. Dyospyros capitulata.
Jiddu usti. Solanum diffusum.
Járu mamidi. Buchanania latifolia.
Jidi mámidi. Anacardium occidentale
Jáma. Psidium pyriferum.
Jammi. Prosopis spicigera.
Japákusumam or Dásáui or Chapádi. Hibiscus rosa sinensis.
Jana. Grewia rotundifolia.
Jittage. Dalbergia latifolia.
Karaka chettu. Terminalia chebula.
Kána régu. Flacourtia.
Kalagudu. Garuga pinnata.
Konda manga. Gardenia latifolia,
Krishna véni. Urtica.
Kádépa tiga. Cissus Linnæi.
Karása. Ficus ampelos.
Kakka váminta. Cleome viscosa.
Kuranji vamu. Anethum diffusum.
Konda tantepu chettu. Cassia suffruticosa.
Kasinda. Cassia tora.
Kumbhi. Nauclea cordifolia.
Kadimi manu. Barringtonia.

Kovili chettu. Ixora.
Kanne kómale. Bocrhavia stellaris.
Kakiti chettu or Káda inguva. Gardenia latifolia.
Káru tunga. Cyperus.
Kódi kálu. Tradescantia axiliaris.
Káru chíka. Acacia pinnata.
Konda alasandarlu. Dolichos sinensis.
Kuturu budama. Bryonia scabrella.
Kandregi. Flacourtia sepiaria.
Kistapa támara or Konda dantina. Smilax ovatifolium.
Káru allam. Zinziber cassumunar.
Kolli. Pharbitis nil.
Karu bachchali. Basella.
Kuttimandu chettu. Euphorbia cattimundoo.
Kundi yelaga or Velaga. Sida Mysorensis.
Karu chikkadu. Lablab vulgaris.
Karu boppayi or Kodi juttu. Sterculia colorata.
Konda rayi. Ficus religiosa (variety.)
Kokkila. Gardenia latifolia.
Konda pala jemudu. Sarcostemma viminale.
Kadambu chettu. Nauclea.
Konda gógu. Cochlospermum gossypium.
Konda régu chettu. Acacia amara.
Kishna véni chettu or Párijátam. Nyctanthes arbor tristis.
Káru chama. Canavalia virosa.
Kari vepa, Bergera Kœnigii.
Konda gobbi or Hill henna. Barleria prionitis.
Kara pendalam. Jatropha manihot.
Lutchme narayna chettu. Crinum toxicarium.
Mirapa kándra. Todalia aculeata.
Minumalu. Phaseolus radiatus.
Marudunda. Bryonia laciniosa.
Mála yerukata. Celastrus paniculata.
Madana ginjalu. Linum usitatissimum.
Muttem pudaka. Sida acuta.
Murru pindi. Acalypha.
Maddi chettu. Morinda citrifolia.
Muluga chett Do.
Móduga chetu.. Butea frondosa.
Mulugorinta.tuBarleria prionitis.
Mulu gógu. Hibiscus Suratensis.
Madana budata kada. Hispida spermacoca.
Munaga. Moringa pterygosperma.
Marri. Ficus Indica.
Manga. Randia dumetorum.
Mogali. Pandanus odoratissimus.
Mámidi. Mangifera Indica.
Musidi. Strychnos nux vomica.
Menti kúra. Trigonella fænum græcum.
Mullu jilaga. Eschynomene.
Manu pendalam. Jatropha manihot.
Mirapa. Capiscum frutescens.
Márèdu. Ægle marmelos.
Machi patri. Artemisia Indica.
Nilambaram. Barleria cœrulia.
Néla benda. Abelmoschus ficulneus.
Navuru. Premna latifolia.
Nalla rantu. Justicia sp.
Nalla jidi chettu. Semecarpus anacardium.
Nalla dintena. Clitoria ternatea.
Nalla mada. Avicenna tomentosa.
Nalla íswara véru. Aristolochia Indica.
Nalla tumma. Acacia arabica.
Nérédu. Syzigium jambolanum.
Néla jídi. Croton polyandra.
Néla vému or Néla vému yáralu. Andrographis paniculata.
Néla tadi chettu. Curculigo orchioides.
Néla usirika. Philanthus niruri.
Néla gulimidi. Adenema hysopofolium.
Néla valaga. Feronia elephantum.
Nemali chettu. Vitex negundo.
Nelli. Premna.
Nága giligich-cha. Crotalaria verrucosa.
Nága malle. Justicia nasuta.
Nimma. Citrus limetta.
Nalléru. Cissus guadrangularis.
Népálum. Curcas purgans.
Nimma guddi or Vassina guddi. Andropogon schœnanthus.
Niluvu pendalum. Dioscorea purpurea.
Nidra kantu. Mimosa triquetra.
Patanghi. Bridelia montana.
Puli chinta or Pulla chanchali. Oxalis.
Pedda ankudu chettu or Pala chettu. Wrightia antidysenterica.
Pedda naredu or Jambu neredu. Eugenia.
Pindi conda. Ærua.
Papata. Pavetta Indica.
Panisi manu. Conocacarpus.
Parapatakum. Mollugo spergula.
Pótu néla vému. Justicia sp.
Pótu sámali. Grewia abutilifolia.
Potu roga. Urtica.
Potu bokada. Ehretia.
Pippali katte. Piper longum.
Pampina chettu. Bignonia Indica.
Pála gunda. Hill arrow root.
Pogada chettu. Mimusops elengi.
Parupu velaga. Feronia elephantum.
Pala. Mimusops hexandra.
Pedda dulagondi Tragia involucrata.
Ponna chettu. Calophyllum inophyllum.
Périntakúra. Corchorus olitorius.
Pindiconda chettu. Illecebrum lanatum.
Pogada. Mimusops elengi.
Pogaku. Nicotiana tabacum.
Parupu benda. Abelmoschus ficulneus.
Pepe chettu. Calamus rotang.
Pedda manu. Ailanthus excelsus.
Reyyamánu. Grilsea tomentosa.
Rávi. Ficus religiosa.
Régu. Zizyphus jujuba.
Rudráksha kamba. Nauclea cadamba.
Rácha usurika. Cicca disticha.
Rudrajada. Ocimum basilicum.
Sámanti. Helicteres isora.
Sómida. Swietenia febrifuga.
Sítapa chettu. Smilax ovalifolium.
Sugandhi. Hemidesmus Indicus.
Surugáta or yarala. Putrunjiva Roxburghii.
Siri jana. Grewia Rothii.
Sóminta. Sesbania Ægyptiaca.
Sópu. Anethum sowa.
Sissu. Dalbergia sissoo.
Sima chinta. Inga dulcis.
Samata. Agave Americana.
Saga. Sanseviera Zeylanica.
Tádi chettu. Terminalia bellerica.
Tella pápita. Pavetta.
Tella chitramúlam. Plumbago zeylanica.
Tella íswara. Aristolochia indica.
Tella urimedu. Cratæva Roxburghii
Tella tumma. Acacia leucophlæa.
Tella nilambari. Barleria candida.

Tella vempali chettu. Tephrosia.
Tella gurivinda. Abrus precatorius (white.)
Téllá jillédu. Calotropis gigantea.
Tella uppi. Monetia tetracantha.
Tella maddi. Pentaptera glabra.
Tella gorré. Sida cordifolia.
Tella nela veum. Hedyotes Heynii.
Togaru chettu. Morinda citrifolia.
Tika tivva. Enthada pusœtha.
Tigé jemudu. Sarcostemma viminale.
Tangédu mánu. Inga xylocarpa..
Tippa tiga. Cocculus cordifolius.
Tatti chettu. Borassus flabelliformis.
Tamalapaku. Piper betel.
Tantepu chettu. Cassia tora.
Turaka vépa. Melia azadirach.
Tangédu. Cassia auriculata.
Tamara aku. Nelumbium.
Tulasi. Ocimum sanctum.
Varagóki. Todalia aculeata.
Varripála or yerripála. Tylophora vomitoria.
Váyala chettu. Vitex negundo.
Vasa. Acorus calamus.
Vempali. Tephrosia purpurea.
Velaga. Feronia elephantum.
Vépa. Azadirachta Indica.
Vépa. Melia azadirach.
Vishnu kránta. Evolvulus alsinoides.
Veluturu. Dichrostachys.
Veduru. Bambusa arundinacea.
Valiso. Verbesima sativa.
Vegisa. Pterocarpus.
Ullena tigé. Cardiospermum halicacabum.
Ulimidi. Cratæva Roxburghii.
Usirika. Emblica officinalis.
Uttareni. Achyranthes aspera.
Ummetta. Datura alba.
Uduga. Alangium hexapetalum.
Ushti. Solanum trilobatum.
Yénuga palleru. Pedalium murex.
Yarra kalabunda. Aloe perfoliata.
Yalla ganneru. Nerium odorum.
Yellaka chevi kuru. Hydrocotyle Asiatica.
Yepi. Bauhinia diphylla.
Yarra chiratali or surugudu chettu. Ventilago Maderaspatensis,
Yegise. Pterocarpus marsupium.

TAMIL.

The Roman letters equivalent to the Tamil alphabet are as follows.

	Initial	medial	double.
க	ka or ga	ka or ga	cka or kka
ங	nga	nga	...
ச *	sa	sa	cha
ஞ †	gna	gna	...
ட	da	da	tta
ண	n'a	n'a	n'n'a
த	ta or da	da	tta
ந	na	na	...
ப	ba or pa	ba	ppa
ம	ma	ma	...
ய	ya	ya	...
ர	ra	ra	...
ல	la	la	...
வ	va	va	...
ழ ‡	zha	zha	...
ள	l'a	la	...
ற §	r'a	r'a	t't'a
ன	na	na	...
ஸ	s'	s'	...
ஷ	sha	sha	...

Vowels.

அ	a	ஆ	á
இ	i	ஈ	í
உ	u	ஊ	ú
எ	e	ஏ	éy
ஒ	o	ஓ	ó
		ஐ	ei
		ஔ	ow

* When ச occurs with a vowel as an initial it may be expressed by *ch* as *chi* சி ; after *n'* it has often the sound of *j*

† ஞ followed by ச as ஞ்ச has the sound of *nja*.

‡ According to Ellis.

§ After ன it sounds like *d'r* as பன்றி *pandri*.

A'dalei. Jatropha glandulifera.
Anadimantarei. Mirabilis jalapa.
Adimaturum. Glycyrrhaza glabra.
Akkerákáram. Anthemis pyrethrum.
Alli. Nymphæa pubescens.
Anásémpá or Anasipu. Illicium anisatum.
Appakkóvie. Bryonia rostrata.
Arali. Nerium odorum.
Arasamalirei or Arasa. Ficus religiosa.
Arakkerei. Amaranthus tristis.
Arukan. Agrostis linearis.
Arisi. Aryza sativa.
Arúnalle. Cicca disticha.
Arúta. Ruta graveolens.
Atti. Ficus racemosa.
Amukalang kalung. Physalis flexuosa.
Avari. Indigofera anil.
A'ddin'n'áppálei. Aristolochia bracteata.
A'dalei. Luffa tuberosa.
A'la maram. Ficus Indica.
A'nei nerinjé. Pedalium murex.
A'várci. Cassia auriculata.
A'reikkirei. Marsilea quadrifolia.
A'yappánei. Eupatorium ayapana.
Karu noochi. Gendarussa vulgaris.
Kadalei. Cicer arietinum.
Kaddapam ver. Barringtonia racemosa.
Kallimuneiyám. Scopolia virgata.
Karuvappilei. Bergera Kœnigii.
Karun sembei. Sesbania ægyptiaca.
Karun séragam. Nigella sativa.
Kollung kóvei. Bryonia epigea.

Karun tuvarei. Dalbergia latifolia.
Karú níli. Indigofera cærulia.
Karú inkuvá. Zizyphus glabrata.
Kariyabólam. Aloe Indica.
Karun gáli. Acacia sundra.
Kasa kasá. Papaver somniferum.
Kushtúri manjal. Curcuma zedoaria.
Kambili púchi marum. Morus Indica.
Kamapu. Pencillaria spicata.
Kanjankórei. Ocimum album. (Indian tea.)
Kandankattiri. Solanum jacquini.
Kanjá. Cannabis sativa.
Karupu kadugu. Sinapis nigra.
Kadugurógani. Helleborus niger.
Kadal téngá. Cocos Maldivica.
Kattiri káy. Solanum melongena.
Kalacchikáy. Guilandina bonduc.
Karú úmattei. Datura fastuosa.
Karuppúravalli. Anisochilus carnosum. *vel* Lavendula carnosa.
Karumbu. Saccharum officinale.
Karuvá pattei. Laurus cinnamomum.
Kalpási. Lichen rotundatus.
Kannukkutti pillu. Commelina communis.
Kattázhci. Aloe littoralis.
Káttu karunei. Dracontium polyphyllum.
Káttu kurundu. Trichelia spinosa.
Káttu mámpazham. Spondias mangifera.
Káttu malakei. Jasminum angustifolium.
Káttu murungkei. Ormocarpum sennoides, *vel* Hedysarum sennoides.
Káttu síragam. Vernonia anthelmintica.
Kásshi kizhangu. Dioscorea alata.
Kámáchi pillu. Andropogon schœnanthus.
Kanjóri. Tragia involucrata.
Kánaruppundú. Flacourtia sepiaria.
Kápi kottei. Coffea arabica.
Kárú karanei. Tacca pinnatifida.
Kárei. Canthium parviflorum.
Káraddu. Daucus carota.
Kása maram. Memecylon tinctorium.
Kát atti. Capparis horrida.
Kárrikún. Boletus igniarius.
Kádeikkanni. Panicum miliaceum.
Kálán. Agaricus campestris.
Kárattekci poo. Gloriosa superba.
Káttu kotay. Jatropha puttata.
Káttu nerválam. Jatropha multifida.
Káttu kádalei. Melastoma aspera.
Kirumpu. Caryophyllus aromaticus.
Kirandinayakam. Ruellia strepens.
Kízhánelli. Phyllanthus niruri.
Kushetarum. Poa cynosuroides.
Kuppeiméni. Acalypha Indica.
Kadurei váli. Panicum semi-verticellatum.
Kudai panei. Corypha umbraculifera.
Kudeimallippú. Jasminum sambac.
Kurosáni omam. Hyoscyamus niger.
Kungumappú. Crocus sativus.
Kulábbupuvu. Rosa centifolia.
Kuddu basalei. Basella cordifolia.
Kuruvinjei vér. Maba buxifolia.
Kurinjá. Tylophora asthmatica *vel* Asclepias vomitoria.
Kuppai kirai. Amaranthus polystrachyus.
Kundumani. Abrus precatorius.
Kuda mallippu. Jasminum sambuc.
Kolei. Olea dioica.
Kevakur. Hibiscus surattensis.
Kayppundu. Rungia repens.
Keizhtalari. Plumieria alba.
Kasa yillei. Memecylon tinctorium.
Katikei kizhangu. Gloriosa superba.
Kerutta kodci. Aristolochia Indica.
Karunei. Dracontium polyphyllum.
Kumatteimádalum pazhum. Citrus medica.
Kúréllu. Sesamum orientale.
Kuttivilá. Feronia elephantum.
Kúndappanei. Caryota urens.
Kódalakarandei or Koddang karandie. Sphæranthus hirtus.
Kórei. Cyperus bulbosa.
Payakórei. Cyperus textilis.
Korúkapulei. Garcinia Roxburghii.
Kotavarungkay. Cyamopsis psoraloides.
Konnei. Cathartocarpus fistula.
Kollangkovei. Bryonia epigœa.
Kolinji. Citrus aurantium.
Kodimundiri. Vitis vinifera.
Kodikálli. Sarcostemma viminale.
Kévuru. Eleusine coracana.
Kódumbei. Triticum æstivum.
Kòvei. Coccina Indica.
Koddi kizhangu. Aponogeton monostachyon.
Kotan ellei. Cassyta filiformis.
Kottamalli. Coriandrum sativum.
Kondi kirei. Portulaca oleracea.
Kollu. Dolichos uniflorus.
Konddung kedu. Inga xylocarpa.
Konjippuzham. Glycosmis pentaphylla.
Kombu págal kay. Momordica charantia.
Komattikirei. Almannia nodiflora.
Kozhambo vér. Radix columbœ.
Kozhi avarei. Canavalia gladiata.
Koyyámarum. Psidium pyriferum.
Kodebasalei. Basella alba.
Sura pazhum. Zizyphus oenoplia.
Sanappa. Crotalaria juncea.
Sámandippu. Anthemis nobilis.
Samei. Panicum miliaceum.
Sádikay. Myristica officinalis.
Sólam. Sorghum vulgare.
Surakay. Lagenaria vulgaris.
Sittiramulam. Plumbago zeylanica.
Sembumalakay. Jambosa Malaccensis.
Sembu. Jambosa vulgaris.
Satukuppei. Anethum graveolens.
Sámbarani. Styrax benzoin.
Samuttira chedi. Barringtonia speciosa.
Sappáttu chedi. Hibiscus rosa sinensis.
Saval kodi. Rubia munjista.
Sémbu kezhangu. Caladium esculentum.
Sési ellei. Salvia Bengalensis.
Simei agati. Cassia alata.
Simei takkali. Lycopersicum esculentum.
Sekappu sandanum. Pterocarpus santalinus.
Sendurukam. Carthamus tinctorius.
Sévátippu. Chrysanthemum Indicum.
Sadámánji. Cyperus hexastachyus.
Sandánum. Santalum album.
Savagakupppi. Clerodendron inermis.
Sèyngkottei. Semecarpus anacardium.
Sirayattu kucchi. Agathotes chirayta.
Siyyakay. Acacia concinna.
Silandu arisi. Cyperus germinatus.
Síndikkodi. Menispermum cordifolium.
Semabagapu. Michelia chumpaca.
Sem maram. Soymida febrifuga.

Sevviyam. Piper nigrum.
Sadira kalli. Euphorbia antiquorum.
Símie atti. Ficus carica.
Sinni yellei. Acalypha betulina.
Síragam. Cuminum cyminum.
Sirukei pu. Laurus cassia.
Siru kanjori. Tragia cannabina.
Siru kirei. Carissa diffusa.
Siru kurinjá. Periploca sylvestris-*vel* Gymnema sylvestris.
Siru koraddei. Trichosanthes incissa.
Siru kizhangu. Plectranthus rugosus.
Siru kirei. Amaranthus campestris.
Siru punci. Ærua lanata.
Siru tali yellei. Convolvulus gemellus.
Siru valli. Dioscorea aculeata.
Sítapazham. Anona squamosa.
Sit amanakkú. Ricinus communis. fr. min.
Sit amutti. Pavonia Zeylanica.
Sit arattei. Alpinia galanga.
Sukán kirei. Rumex vesicarius.
Sukkú. Zinziber officinale.
Sulundu kattei.
Sómpu. Pimpinella anisum.
Sukkunáru pillu. Andropogon nardus.
Sakara valli. Batata edulis.
Semmulli. Barleria prionitis.
Senkodi veli. Plumbago rosea.
Senkizhanir. Nymphæa odorata.
Sivadie vér. Convolvulus turpethum.
Sevánar vembu. Indigofera aspalathoides.
Sangan seddi. Azima tetracantha.
Sappatu seddi. Opuntia dillenii.
Sevvalli. Nymphæa rubra.
Sem paruti. Gossipium arboreum.
Segappu tamarei. Nelumbium speciosum. (Variety rubrum.)
Simei konji. Murraya exotica.
Simei agati. Cassia alata.
Seppu nerinji. Indigofera enneaphylla.
Sarapuppu. Buchanania latifolia.
Shadakula. Vateria Indica.
Daduga. Nauclea cordifolia.
Dividasshi. Vitis vinifera.
Tagara yellie. Cassia tora.
Taklái. Physalis angulata.
Tázhei yellie. Pandanus odoratissimus.
Tazhutázhei. Clerodendron phlomoides.
Tamara. Averrhoa carambola.
Tánikai. Terminalia bellerica.
Tanniravittan kazhangu. Asparagus sarmentosus.
Tavasu mooringei. Gindarussa Tranquebarensis.
Támarei. Nelumbium speciosum.
Téngkai. Cocos nucifera.
Tésávarum. Piper dichotomum.
Tékkú maram. Tectona grandis.
Tenei. Panicum italicum.
Tirana pazham. Webera corymbosa.
Téttán kottei. Strychnos potatorum.
Tévadárum or Dévadaram. Sethia indica.
Tippili. Piper longum.
Tirunúttu pacchei. Ocimum basilicum.
Tirúgukalli. Euphorbia tirucalli.
Tudippam. Aristida setacea.
Tulasi. Acimum sanctum.
Tongi pu. Pergularia odoratissima.
Túduvali. Solanum trilobatum.
Tuyil kirei. Achyranthes polygonoides.
Tumbi. Diospyros melanoxylon.
Túnu maram. Cedrela toona.
Tura. Mollugo spergula.
Toddál vádi. Mimosa pudica.
Tattei pyar. Dolichos cultratus.
Tuvarei. Cajanus indicus.
Takkólum. Calypranthes jambolana.
Tulaka pyaru. Phaseolus aconitifolius.
Tutti. Abutilon indicum.
Tumbi. Chirongia sapida.
Tambeikay. Citrus aurantium.
Tanakku. Cochlospermum gossypium.
Tutti. Abutilon Indicum.
Tavattiki. Schmedelia serrata.
Tamarei. Nelumbium speciosum.
Turobadeikpudal. Porana racemosa.
Tirukanna. Berrya ammonilla.
Takkei. Aeschynomene paludosa.
Nagamalli. Justicia nasuta.
Nagatali. Opuntia dilenni.
Nayuruvi. Achyranthes aspera.
Nayavelie. Cleome viscosa.
Nnáy kadugu. Cleome viscosa.
Nanul. Saccharum spontaneum.
Nanjarappanjan. Asclepias prolifera.
Naruvili. Cordia obliqua.
Nacchiddi. Isoetes coromandeliana.
Nayidul. Nymphæa pubescens.
Nilam. Indigofera anil.
Nirmulli. Asteracantha longifolia.
Nirnoochi. Vitex trifolia.
Nir pirimi. Herpestris monmera.
Nila kumilum. Gmelina asiatica.
Nila panei. Curculigo orchioides.
Nellie kay. Emblica officinalis.
Nerinji. Tribulus lanuginosus.
Nervalam. Croton tiglium.
Neddi cheddi. Aeschynomene aspera.
Nilavarie. Cassia senna.
Noleitali. Antidesma alexiteria.
Nocchi. Vitex negundo.
Nuna. Morinda citrifolia.
Nurung kizhangu. Dioscorea pentaphylla.
Nurei pekin kay. Cucumis sulcatus.
Nandimavaddei. Tabernamontana coronaria.
Nannari. Hemidesmus indicus.
Nari vengayam. Erythrinum Indicum.
Nara siragam. Cuminum cyminum.
Naval maram. Syzygium jambolanum.
Navilla alari. Plumieria acuminata.
Nirmel nirupu. Bergia ammanoides.
Payarrang kay ? Dolichos sinensis.
Pundiri kottei. Sapindus emarginatus.
Pulang kizhangu. Curcuma zerumbet.
Pula. Phyllanthus multiflorus.
Periya punei. Aerua Javanica.
Pulicchi kay. Hibiscus cannabinus.
Puliccha pazham. Antidesma acida.
Puliyarei. Oxalis corniculata.
Pompilmasu. Citrus decumana.
Punnakku kirei. Riedlia corchorifolia.
Punarakanni kirei. Aerua sessile.
Ponnavarie. Cassia sophera.
Puneikali. Mucuna pruriens.
Punga maram. Pongamia glabra.
Pusinikay. Cucurbita maxima.
Purasam kay. Butea frondosa.
Puvarasang kai. Thespesia populnea.

Portalei kayyan. Wedelia calendulacca.
Postakay. Papaver somniferum.
Pappali. Carica papaya.
Parppadagam. Mollugo cerviana.
Pilla maram. Artocarpus integrifolius.
Pinarta maram. Sterculia fetida.
Pitandalei kottei. Crotalaria verrucosa.
Peppudal. Trichosanthes cucumirina.
Peramutti. Pavonia odorata.
Per aruttei. Alpinia galanga major.
Peran kila. Carissa carandas.
Peran nanal ? Aruudo karka.
Peru parambu. Calamus rudentum.
Perumarundu. Aristolochia acuminata.
Peru maram. Ailanthus excelsa.
Perun jirakam. Fœniculum vulgare.
Pirandei. Cissus quadrangularis.
Perungayam. Narthex asafætida.
Pey kumatti. Citrulus colocynthus.
Pinnei maram. Calophyllum inophyllum.
Piccha pazham. Cucurbita citrullus.
Podutalei. Zapania nodiflora.
Pogayillie. Nicotiana tabacum.
Pudalang kay. Trichosanthes anguina.
Pazha pagal. Momordica dioica.
Pannadei. Cocos nucifera.
Panicchikay. Embryopteris glutinifera.
Pani varagu. Paspalum pilosum.
Pannei kirei. Celosia argentea.
Pannirappu. Guettarda speciosa.
Passa pyaru. Phaseolus radiatus.
Papara puli. Adansonia digitata.
Parati. Gossypium herbaceum.
Paranggi puttei. Smilax china.
Parangi sambrani. Juniperus lycia.
Parappu kirei. Chenopodium album.
Parsi kanja. Melissa officinalis.
Parsi vadam. Amygdalus communis.
Pasalei. Portulaca quadrifida.
Pavattei. Pavetta Indica.
Pey karumbu. Saccharum dœmonum.
Per yicham. Phœnix dactylifera.
Petakanaru. Flacourtia sapida.
Picchi pu. Jasminum graudiflorum.
Piking kay. Luffa acutangula.
Pakku. Areca catechu.
Padiri. Bignonia chelonides.
Pagara malli. Nycthanthes arbor tristis.
Pagal kay. Momordica charantia.
Palli. Mimusops hexandra.
Pala kirei. Hoya viridiflora.
Pundu. Allium sativum.
Parali. Hordeum distichon.
Pilanavei. Andersonia panchmoun.
Palash. Grewia asiatica.
Pusini. Cucurbita maxima.
Pasalei. Carica papaya.
Ponnavarei. Cassia sophera.
Bedana. Cydonia vulgaris.
Baramadandu. Argemone mexicana.
Bendei matiri. Abelmoschus ficulneus.
Ma maram. Mangifera Indica.
Macchi kay. Quercus infectoria.
Madalam. Punica granatum.
Magalampu. Mimusops elengi.
Malei katazhie. Agave vivipara.
Maleippuli. Xanthochymus pictorius.
Maleitangi. Sida acuta.
Manal kirei. Gisekia pharnacioides.
Mantittie. Rubia muujista.
Maru yulandu ? Randia dumetorum.
Marudani. Lawsonia alba.
Marul kizhangu. Sanseviera zeylanica.
Maruda maram. Terminalia alata.
Marikozhandu. Artemisia Indica.
Mavilingam. Cratœva Roxburghii.
Melagu. Piper nigrum.
Mellisu perambu. Calamus rotang.
Mulakaranei. Todalia aculeata.
Molam puzham. Cucumis melo.
Mula kirei. Amaranthus polygamus.
Mulakay. Capsicum frutescens.
Muddakottam. Cardiospermum halicacabum.
Mukavalei ? Tephrosia spinosa.
Mukkarattei. Boerhavia diffusa.
Mulangki. Raphanus sativus.
Mulla kirei. Amaranthus spinosus.
Mundiri. Anacardium occidentale.
Mungil. Bambusa arundinacea.
Munnei kirei. Premna integrifolia.
Murukku maram. Erythrina Indica.
Murungei. Moringa pterygosperma.
Mukkasolum. Zea mays.
Manjal. Curcuma longa.
Manattali. Solanum rubrum.
Manattali. Solanum nigrum.
Marukkulu. Chirongia glabra.
Mocchei cottay. Lablab vulgaris.
Mayala konnei ? Poinciana pulcherrima.
Mocchei. Lablab vulgaris.
Mungi. Bambusa arundinacea.
Murangkei. Moringa pterygosperma.
Mattippal. Ailanthus malabarica.
Marulu umattei. Xanthium indicum.
Maratin puddei. Antiaris saccidora.
Marandinnipazhandu. Ficus aspera.
Malkangkanni. Celastrus nutans.
Yella melekay. Hymenodicton obvatum.
Yella durulippu. Plumieria alba.
Yiccha maram. Elate sylvestris.
Yileikalli. Euphorbia ueriifolia.
Yilava maram. Eriodendron anfractuosum.
Yampural. Hedyotis umbellata.
Yirumbili marum. Maba buxifolia.
Yinji. Zinziber officinale.
Yisupugol. Plantago ispagula.
Yiyamisu. Dioscorca sativa.
Yelarisi. Elettaria cardamomum.
Yelanir. Cocos nucifera.
Yelissevikirei. Evolvulus emarginatus.
Yerukam, Calotropis gigantea.
Yelantanipundu. Microrhyncus sarmentosus
Yellu. Sesamum orientale.
Yetti. Nux vomica.
Vallarei. Hydrocotyle Asiatica.
Varagu. Panicum miliaceum.
Vulundu. Phaseolus mungo.
Vattei pemeratti. Anisomeles disticha.
Vengayam. Allium cepa.
Vammarei. Chloroxylon swietenia.
Vellaruku. Calotropis gigantea.
Vellari. Cucumis sativa.
Vizhi ver. Cadaba indica.
Vella naval. Calyptranthes caryophillifolia
Vellei kakarattan. Clitorea ternatea.
Valakendu. Ricinus communis.
Vitti ver. Andropogon muricatum.
Vishnu karandi. Evolvulus alsinoides.

Visar. Maba buxifolia.
Vetili mungi. Piper betel.
Vishei mungi. Crinum Asiaticum.
Verukan. Arum macrorhizon.
Vendiyam. Trigonella fænum grœcum.
Vendi kay. Abelmoschus esculentus.
Vicchi pu. Ixora cocinnia.
Viddatalam. Dichrostachys cinerea.
Ver kadalei. Arachis hypogœa.
Veli paruti. Dæmia extensa.
Vattangi. Cæsalpinia sappan.
Vasambu. Acorus calamus.
Variyattu. Rheum palmatum.
Varappula. Fluggea leucopyrus.
Vadamkottei. Astragalus tragacantha.
Vazhei. Musa paradisiaca.
Val milagu. Piper cubeba.
Valambiri. Isora corylifolia.
Vukay. Salvadora persica.
Vusamalli. Jasminum auriculatum.
Vellei kadugu. Sinapis alba.
Vadam kottei. Terminalia catappa.
Vilimbi. Averrhoa bilimbi.
Veduvangkay. Andrachne cadishaw.
Ram sitta. Anona reticulata.
Ruduradcham. Elœocarpus ganitrus.
Ruttanga. Schleichera trijuga.
Lavanga. Laurus cassia.

'Adátódaí. Justicia adhatoda.
Azhivarei. Linum usitatissimum.
Amukunan. Physalis flexuosa.
Anjili. Artocarpus pubescens.
Aruku. Agrostis linearis.
Avarei. Lablab vulgaris.
Andimadarei. Mirabilis jalappa.
Alli. Nymphæa stellata.
Akori. Hugonia mystax.
Alari. Thevetia neriifolia.
Anatupul. Pommeruella cornucopiæ.
Adatodei. Adhatoda vasica.
Atti. Bauhinia diphylla.
Ulúndu. Phaseolus mungo.
Orillei tamarei. Ionidium suffruticosa.
Odiya. Odina woodier.
Osulam peddi. Acacia pinnata.

H. P. Hawkes.

CLASS III.

SUBSTANCES USED AS FOOD.

SECTION I.

Agricultural Produce—Cereals, Pulses, Dried Fruits and Oil Seeds.

Cereals.

Paddy.

(*Oryza sativa—in the husk.*)

1511 & 1512 Paddy first and second sort. Bellary. Local Committee. "White and black paddy of various sorts are abundantly cultivated in this district."

578 to 609 Paddy of various sorts, thirty-one varieties. Chingleput. Various exhibitors.

3071 Paddy. Coimbatore. Kistniah.

8328 Paddy thirteen specimens. Hyderabad. Capt. Taylor.

7533 Paddy, five specimens. Madras. C. Ramasawmy Chetty.

8638 Paddy. Tinnevelly. Vasndavoo.

2759 Paddy, eight varieties. Malabar. Cawaye "Various descriptions of Paddy are raised in Malabar, but the greatest portion is of the ordinary sort which is not only consumed within the District, but largely exported. The exportations—which do not however include the quantity carried away by land and backwater to the other Districts,—may be reckoned as shewn below.

In 1261...	24,969 Ind. mds.	Value...	33,773	Rupees.
62...	17,869 ,,	,,	24,191	,,
63...	34,298 ,,	,,	58,318	,,
64...	88,253 ,,	,,	1,79,664*	,,
65	1,07,098 ,,	,,	2,02,309*	,,

* "A great portion of these are imports from Canara and are re-exported from our ports."

2861 to 2873 Paddy twelve varieties. Malabar Mr. Bassano.

2914 Paddy growing on the hills. Do. do.

2915 Parakaden Paddy. Do. do.

3928 & 9 Paddy. Masulipatam. Local Committee.

9185 to 9190 Paddy four specimens. Poodoeotta. Ramachundra Tondiman Bahadoor.

101 to 110 Paddy, ten specimens. Tinnevelly.

4280 to 4470 Paddy, one hundred and ninety varieties. Tanjore. Hurry Row.

177 to 185 Paddy in the ear. Trichinopoly. Thayoomana Pillay.

3211 to 3243 Paddy, twenty-two varieties. Travancore. Local Committee.

3608 to 3673 Paddy, sixty-five varieties. Travancore. P. Shungoony Menoven, Poliee Sheristadar.

800 Paddy, fifty one varieties. Chinglepnt. Runga Charloo.

229 to 271 Paddy. forty-four varieties. Paulghaut. Nellicherry Seevarama.

6741 Paddy, twelve varieties. Mysore. Kristnasawmy.

8056 Paddy two varieties. Kurnool.

3924 Paddy twelve varieties. Masulipatam. Local Committee.

2641 to 2659 Paddy twenty varieties. Cuddapa. M. Murray, Esq.

Paddy 16 specimens. Pondicherry.

Rice.

(*Oryza sativa—decorticated.*)

3081 Rice. Coimbatore. Kistniah.

34 specimens of Rice. Hyderabad. Capt. M. Taylor. Commissioner.

7533 Rice, ten varieties. Madras. Ramasawmy Chetty.

3227 to 3238 Rice, eleven varieties. Travancore. Local Committee.

2685 Rice, five varieties. Cuddapa. M. Murray, Esq.

5880 Rice American. Per cwt. £ 1-3-0. Madras. Chamber of Commerce.

Wheat.

[*Triticum.*]

1509 Wheat. First quality. "This is cultivated to a very limited extent in this district." Bellary. Local Committee.

1510 Wheat. 2d sort. "Cultivated abundantly in this district but requires the best land." Do. do.

3083 Wheat. Coimbatore. Kistniah.

Ten specimens of wheat. Hydrabad. Captain M. Taylor.

Four specimens of corn in the ear. Do. do.

7533 Bangalore and Bengal wheat. Madras. Ramasawmy Chetty.

1326 Flour. Madura. Revd. C. R. Little.

3948 Wheat. Masulipatam. Local Committee.

2668 & 2683 Wheat. Cuddapa. M. Murray, Esq.

2416 Wheat. Salem, Shevaroy Hills. Chinniah Moodelly.

8057 Wheat. 1st and 2d sort. Kurnool.

4253 Hotte wheat. Bangalore.

8324 Wheat. Hydrabad. Capt. Taylor.

3948 Wheat. Masulipatam.

3600 Wheat from Neilgherry seed, from Genl. Cullen's garden at Ashumboo 3000 feet above the level of the sea, annual rain 95 inches. Travancore.

Barley.

8297 Barley grown on the Neilgherries. Mr. McIvor.

Maize.

[*Zea mays.*]

1420 Indian corn or mukka-cholum. Bellary. L. C.

3087 Mocha. Coimbatore. Kistniah.

8347 Six varieties of Maize. Hydrabad, Captain Taylor.

7533 Maize. Madras. Ramasawmy Chetty.

3955 Moka jonaloo, white. Masulipatam. L. C.

3956 Red maize. Do. do.

9193 Caca-cholum. Poodooeotta.

112 Cockoi cholum. Tinevelly.

4499 American maize white. Tanjore. Hurry Row. (A much larger grain than the ordinary Indian maize.)
4500 Yellow maize. Tanjore. Hurry Row.
4501 White maize. Do. do.
4502 Red maize. Tanjore. Hurry Row.
4503 Black maize. Do. do.
Mucka cholum [yellow.] Pegu. Dr. Brandis.
1044 Mocca jannooloo. Vizianagram. H. H. the Raja of Vizianagram.
Maize. (Holcus saccharatus,) white.
2678 White maize, sown in garden land. Cuddapa.
8365 Mucka. Hydrabad.
8058 Mucca cholum. Kurnool.
7184 Holchus sorghum. (*Mootoo solum.*) Pondicherry. Local Committee.
800 Maize red and yellow. Chingleput. Runga Charloo.
9063 American maize. Grown in Major Maitland's compound, Gun-carriage Manufactory. Madras. Major Maitland. "(The grain is very much larger than that usually cultivated in India)."

(Maize or Indian corn is found in India of all colors, black, red, white and yellow are the most usual.—It is however of much smaller grain than the American product, shewing that it has degenerated since its introduction.)

Millets.

Great Millet or Cholum.

(*Sorghum vulgare—Holcus sorghum.*)

1514 White jonnaloo. "Is cultivated in great abundance in this district. Large quantities are conveyed to other parts for sale. It is the principal article of food among the lower classes of the people." Bellary. Local Committee.
1515 & 1516 Neroo Joonooloo, [yellow] and Red Joonooloo. Do. do.
621 Yellow cholum. Chingleput. Paupy Reddy.
622 Red cholum. Do. Davannun.
623 Alunkara cholum. Do. do. (Milk-white small grain.) Soobroya Gouden.
3072 Cholum, white. Coimbatore. Kistnah.
Eleven specimens of white cholum. Hyderabad. Captain W. Taylor.
Four specimens of yellow cholum Do.
Three Do. of red cholum. Do.
800 Cholum red, white, yellow and pink. Chingleput. Runga Charloo.
4755½ A stalk of cholum with nine ears. Madras Mr. W. Haydon.
3954 White jonaloo or Conda bochaloo. Masulipatam. Local Committee.
3941 Yellow cholum. Do. do.
8845 Great Millet, yellow and white. Masulipatam Local Committee.
1043 & 1066 Tella jonnaloo. (White cholum.) Vizianagram. H. H. the Raja of Viziangram.
4476 White cholum. Tanjore. Hurry Row.
4475 Shausholluin. (Red cholum.) Do.
7533 Cholum. Madras. Ramasawmy Chetty.
2675 Yellow cholum. Cuddapa. M. Murray, Esq.
2673 White jonnaloo. Cuddapa. do.
2622 Chilla cholum. Cuddapa. Vengul Reddy.
8322 Jowaree kavalee. Hyderabad. Capt. Taylor.
8321 Jowaree white Do. do.
8357 Argudea jowaree. Hyderabad. do.
8059 White cholum. Kurnool.
7085 Zollah. (Milk-white small grain.) Mangalore. Pedre Proboo.
7090 Jollah (white and pink grain) do. do.
8329 Dood-mogra (white and pink, flat grain.) Hydrabad. Capt. Taylor.
8339 Jowaree, yellow do.
838 Jowaree, red do.
8377 Joware, light red do.
7089 Holcus sorghum (variety.) or *Solum.*

"Sown in September and reaped in four months, keeps good one year. Cholum and its varieties are closely allied to the *Sorghum sucri* (*Andropogon niger*) the culture of which has recently been introduced into the colony at the suggestion of the Marine Department. The stalks of cholum are slightly sweet and serve as food for cattle, but only in the absence of paddy straw. Cholum forms equally the food of the middle and poorer classes of the agriculturalists, but is less esteemed than "kumbu." Its price varies from 2½ fr. to 5 fr. per hectolitre. Pondicherry. P. Appow Mdly.

7082 Holcus sorghum, (variety) *alangarum solum* "Sown in September or Oct. and reaped in four months. The same observation as above equally applies to this and the two next specimens." Pondicherry. Local Committee.
7085 Holcus sorghum. *Mundara solum* (yellow.) "Sown in October or November," do. do.
7084 Holcus sorghum. *Mootoo solum.* "Sown from January to September, the ears begin to form on the third month." do. do.
4253 White and red cholum. Bangalore.
8060 Yellow cholum. Kurnool.
3256 Great millet (*Sorghum vulgare.*] Travancore Local Committee.

Black cholum.

Andropogon niger.—Holcus nigerrimus, Art.—*Holcus niger*. Gmel.—*Sorghum nigrum*, Roem.—not *Andropogon saccharatus*, Rosch.—not *Andropogon saccharoides*, Sw.—not *Sorghum saccharatum*, Pers.

186 to 189 Black cholum in the ear. Thayoomana Pillay. Trichinopoly.
9193 Black cholum. (cockoi cholum.) Poodoocotta. Ramachundra Tondiman Bahadoor.
112 Black or cockoi cholum. Tinnevelly. Mera Soobaroyen.
7086 Sorghum sucré (*Andropogon niger.*) Pondicherry. Mr. Perrotet.

"This monocotyledon lately introduced into India, contains in its stems a sweet principle very abundant but of a nature very different from that of the ordinary sugar cane (*Saccharum officinale*). It has lately been largely cultivated in France where it has been recently introduced.

"We have extracted sugar from it though not in large quantity, but it is considered especially valuable in the distillation of spirit, the quality of which will, we think, be superior. It grows excellently in Algeria and yields (according to this report) good returns. We do not think any material advantage is likely to result from its introduction into this or other inter-tropical countries over that of the sugar cane which is much richer in sweet principle in proportion to its bulk, and grows excellently without any extraordinary care, although it requires from 7 to 8 months to acquire its full growth and the maximum of the sweet principle."

"In India this *Andropogon* ripens its grain in from two and a half to three months, provided the plant has been frequently watered especially in the dry and hot season, that is in May, June and July, which are the least favorable months for the growth of this plant."

"We consider that in the cool season [Dec. Jany. and Feby.] the stalks of this grain would attain a larger diameter and would consequently yield more sugar. Its stalks usually slender, at this season at least, are at the time of the ripening of the ear, or a little before, very sweet. They certainly contain sugar, but having no means available for expressing the juice, we were obliged to cut them into oblique fragments and macerate them in a given quantity of water. After 24 hours soaking the water was very sweet. Having directed a servant to boil the solution until it had quite evaporated in order to obtain the crystalized sugar, the operation failed from having been carelessly conducted."

"Notwithstanding this, it is certain that this *Sorghum* contains much more sugar than the other varieties of this genus, all of which we know contain sugar more or less, the *Sorghum rubens*. (now *Andropogon rubens*) in particular contains a large proportion." [For further information on this interesting subject, vide "Le Moniteur Officiel des Etablissements dans l'Inde" des 29th Fevrier 1856 and 30th Janvier 1857.]

Tenay.

(*Panicum Italicum—Setaria Italica.*)

1518 Italian millet. Is cultivated largely on dry ground. Bellary. Local Committee. 40 seers per Rupee.
610 & 611 Thanay. Chingleput. Coopoo.
800 Tanay. Chingleput. Runga Charloo.
3075 Tenei. Coimbatore. Kistniah.
9189 Tenay. Poodoocotta. Ramachundra Tondiman Bahadoor.
4480 Red teenay. Tanjore. Hurry Row.
4498 White teenay. Do. do.
7087 Panicum italicum. *Tene.* Pondicherry. Appow Mdly. "Sown in April or May and reaped in 3 months. Keeps good for three years. Is little cultivated, is consumed by the poorer class of ryots."
8362 Ralah, white. Hydrabad. Capt. Taylor.
8366 Black ralah. Hydrabad. Do.
8354 Bahadlee. Do. Do.
Tenay. Cuddapa. Mr. Murray, Esq.
7092 Curry-Theneh [black.] Mangalore. Pedre Proboo.
7093 Vella-theneh. Mangalore. do.
7089 Mooloo nanamay. Do. do.
7091 Carun theenay. (Black rala.) Do. do.
8061 Cungony or thenay. Kurnool.
4253 Tanay. Bangalore.
,, Navanee. Bangalore.
7533 Tenay. Madras. Ramasamy Chetty.
3257 Tenay. Italian millet. Travancore. L. C.

Husked tenay.

1522 Corraloo. Bellary. Local Committee.
8062 Corra rice. Kurnool.
7087 Nanamay. Mangalore. Pedre Proboo.
7088 Mooloo Namamay. Do. do.
7095 White naunmeh. Do. do.
8258 Tenay aresee. Travancore. Local Com.

[Tenay or rala is a small round shining seed of a straw color, much resembling canary seed, but less pointed. Varieties of black and red colors are occasionally found.]

Sawmay.

(*Panicum Miliaceum.*)

1521 Baroogaloo Samaloo (husked.) Bellary. Local Committee.
612 Samay. Chingleput. Ramakistna.
800 Samay. Chingleput. Runga charloo.
3076 to 3078 White, red and black Sawmay. Coimbatore. Kistniah.
8331 Sawmay two specimens. Hydrabad.
Sawmay large, two specimens, do.
116 Sawmie. Tinnevelly. Meera Soobaroyen.
2911 Chama. Malabar. Mr. Bassano.
4486 Paroon shamay. Tanjore. Hurry Row.
4485 Saumay, do. do.
4487 Shelnvay shamay, do. do.
1047 Corrauloo. Vizianagram.
4253 Hejjave. Bangalore. Kistnasawmy.
9192 Sawmay white. Poodoocotta. Ramachundra Tondiman Bahadoor.
,, Do. black, do.
7088 White Nanmeh. Mangalore. Pedre Proboo.
7089 Nanameh black, do. do.
7088 Panicum miliaceum (variety) *Samay.* Pondicherry. Appow Modelly. "Sown in August or September and reaped in four months, will keep three years, but little cultivated and consumed by the Ryots." Price varies from 2 to 4 fr. a hectolitre,
8361 Sawmy. Hydrabad.
3080 Panay varagoo. Coimbatore.
4253 Black or kari samay. Bangalore.
,, White sawmy, do.
7082 Shemay rice (husked) Mangalore. Pedre Proboo.
3252 Samay husked. Travancore. Loc. Com.
3253 Samay, do. Do.

(A small shining seed of the same size and shape as the Tenay, of which it is a variety. It varies in color from a shining dark grey to black.)

Cadaycanny.

[*Panicum Miliaceum.*]

7082 Panicum Miliaceum. *Cadaycanny.* "Sown in February or March and reaped in two months and ten days. Keeps one year. But little cultivated, consumed by the poorer classes." Pondicherry. Local Committee.
4477 Cadacanny. Tanjore, Hurry Row.
2662 Bareegaloo. Cuddapa. Mr. Murray, Esq.
2549 Do. do.
3937 Varagaloo. Masulipatam. Loc. Com.
3279 Kadeicanny. Travancore.
4476 Cadaycany (a large variety of samay) Tanjore, Hurry Row.

[This seed much resembles Sawmay in color, but is much larger.]

Panicum miliaceum.

8341 Wurye. Hydrabad. Capt. Taylor.

[This is probably a variety of the above, differing only in color, being of a light straw colored shade, indeed like very large Rala.]

Pil-arisee.

Pil arisy. (5 specimens.) Hydrabad,
4488 Kootheray vaulee. Tanjore. Hurry Row.
4523 Pil arisy. Do. do.
4477 Yerungoo. Do. do.
1065 Woodauloo. Vizianagram.
1063 & 1048 Disaugooloo. Do.
8370 White sawa. Hydrabad.
9190 Cooderay valay. Poodoocotta.
636 Grass rice. Chingleput. Moothun.

[A seed intermediate in appearance between Tenay and Cumboo, having a partial husk and beard, disclosing beneath the shining seed. From its similitude to the seed of the common grass, it derives its Tamil name of "Pil arisee" (grass rice.)

Little Millet or Varagoo.

[*Panicum miliaceum.—Paspalum frumentaceum.*]

800 Varagoo four varieties. Chingleput. Runga Charloo.
1519 Common millet. Bellary. Local Com.
613 Coroo-varagoo. Chingleput. Ramakistna.
614 Vella-varagoo. Chingleput. Sooba Iyer.
615 Varagoo. Chingleput. Veerasawmy.
3079 Varagoo. Coimbatore. Kistniah.
3080 Pany varagoo. Do. do.
3 specimens of varagoo. Hydrabad.
4 specimens of varagoo. (decorticated.) do.
9153 Varagoo.
7533 Varagoo. Madras. Ramasawmy Chetty.
114 Varagoo. Tinnevelly. Soobaroyen.
7094 Paspalum frumentaceum, (variety.) *Pala, curu varagoo.* "Sown in May or June, transplanted on the 30th day, and reaped on the 70th day, but little cultivated." Pondicherry. Local Com.
7093 Paspalum frumentaceum, *peru varagoo.* "Sown in July or August and reaped in four months, will keep good for six years. But little cultivated." Pondicherry. Local Committee.
7095 Paspalum frumentaceum (variety.) *Curu-varagu.* "Sown in August or September and reaped in four months, will keep six years. Much cultivated." Pondicherry. Local Com.
4253 Haraca grain and husked seed. Bangalore.
8346 Kodroo. Hydrabad. Capt. Taylor.
Varagoo. Cuddapa.
2557 Aurekaloo. Cuddapa.
8063 Varagoo husked. Kurnool.
8064 Varagoo. Kurnool.
9188 Varagoo. Poodocotta. Ramachundra Tondiman Bahadoor.
4472 to 4474 Varagoo, paroom varagoo and yallum varagoo. Tanjore. Hurry Row.
3260 Common millet. Travancore. Loc. Com.
3254 & 3255 Koovaragoo. Travancore. L. C.

[Varagoo is a small round semi-circular seed of a chesnut color, generally covered with a filmy husk.]

Raggy.

[*Elcusine Coracana—Cynosurus.*]

1513 Raggy. "Is largely cultivated in this district." Bellary. Local Committee.
619 Caroon-sooroutty raggy. Chingleput.
620 Vellai-sooroutty raggy. Do.
800 Raggy 4 varieties. Chingleput. Runga Charloo.
3073 Raggy. Coimbatore. Kistniah.
Three specimens of ragee. Hydrabad.
7533 Ragee. Madras. Ramasawmy Chetty.
3947 Raggy. Masulipatam. Local Committee.
111 Caipy or ragee. Tinnevelly. Nullaseven.
7090 Cynosurus. *Natcheny attiquei.* "Sown in March, April or May and reaped in four months. Keeps good for one year." Pondicherry. L. C.
7091 Cynosurus. *Natcheny carine curuttci,* do.
7092 Cynosurus. *Natcheny vellei.* Do. do.
4253 Dodda ragee, black ragee, hulla-bili ragee and gidd ragee. Bangalore. Kistnasawmy.
2661 Raggy white and red. Cuddapa. [Grown on wet land], M. Murray, Esq.
2676 Garden ragee. Cuddapa. Do.
2674 Field cultivated ragee. Do.
8065 Raggy. Kurnool.
9191 Capay. Poodoocotta. Ramachundra Tondiman Bahadoor.
8373 Lachna (or light colored ragee.) Hydrabad.
4481 Raggy. Tanjore. Hurry Row.
1061 Chooloo. Vizianagram.
7087 Raggy. Mangalore. Pedre Proboo.
3254 Bujjigay ragee, (white.) Travancore.

(Raggy is a small round grain, varying in color from a light ash color to red and black—a single specimen of pure white ragee is shown from Bangalore.)

Spiked millet. Bajra. Cumboo.

[*Holcus spicatus.—Pencillaria spicata.*]

1517 Spiked millet. Bellary. Local Committee. "The large size with bluish tinge."
616 Paroon cumboo. Chingleput. Coopoosawmy.
617 Pootoo cumboo, do. Vurdachary.
618 Cumboo in the ear, do. Paupy reddy.
800 Cumboo. Chingleput. Runga Charloo.
3074 Cumboo. Coimbatore. Kistniah.
Four specimens of Bajara. Hydrabad.
7533 Holcus spicatus. Madras. Ramasamy Chetty.
3936 Guntaloo. Masulipatam. Local Committee.
3939 Sujjaloo or spiked millet. Do.
113 Cumboo. Tinnevelly. Meery Soobaroyen.
2628 Cumboo. Cuddapa. Vengul reddy.
2679 Sajjaloo. Sown in the field. Cuddapa.
Spiked millet. Poodoocotta.
8066 Cumboo. Kurnool.
8325 Bajree, (the large variety with a bluish tinge.) Hydrabad. Capt. Taylor.
1046 Guntaloo. Vizianagram.
3259 Cumboo. Travancore. Loc. Com.
4482 Cumboo. Tanjore. Hurry Row.
4483 Cooroovay cumboo, do.
4484 Cathady cumboo, do.
7081 Holcus spicatus. *Panik cumbu.* "Sown in November or December, and reaped in four months, keeps good one year. Cumboo and its varieties are the usual crop on high ground where they are sown as the first crop, when reaped the land is immediately planted with indigo. This grain is eaten by the middle and poorer classes of ryots. Its average price is from 3 to 6 fr. per hectolitre. Flatulent and bilious. Pondicherry. Appow Modelly.

4253 Sajjce or eumboo. Bangalore.

[The appearance of Cumbu is well known, there appear to be fewer varieties of this, than of most Indian grains. The only one of consequence is the large heavy grained eumboo, with the bluish tinge around the large end of the seed.]

Bamboo rice.

[*Bambusa.*]

Bamboo rice. Hydrabad.
3940 Bamboo seed. Masulipatam. Seetia Naidoo.
800 Bamboo rice. Chingleput. Runga Charloo.
Bambusa arundinacea *Moonguil verei.* Pondicherry. Local Committee.

Grass corn.

8710 Grass corn. Chittoor. Miss Pareira.

"This is the produce of a species of grass called in Tamil "Muthunka pilloo." It grows spontaneously but has not been hitherto brought under cultivation. Miss Pareira had the grass cultivated to a small extent in her garden at Chittoor, and finds that by proper management it produces abundantly The grain is used in the same way as paddy or raggy."

PULSES.

Bullur—Moochecottay.

[*Lablab vulgaris—Dolichos lablab—Dolichos tetraspermus.*]

800 Buller. Chingleput. Runga Charloo.
1529 Bullur, [red] 30 seers per Rupee. Bellary. Local Committee.
Bullur. (6 specimens.) Hydrabad.
2671 Bullur or Moochacotay. Red, black and white varieties. Cuddapa. M. Murray, Esq.
630 Moochacottay. (Dun colored.) Chingleput.
3250 Bullur. Travancore. Local Committee.
119 Moochacotay or bullur. (Dun colored.) Tinnevelly. Soodalamootoo Pillay.
4253 Hulla savceree. Bangalore.
„ Red bullur. Do.
„ White bullar. Bangalore.
8067 Moocheeottay. Kurnool. (Black and red.)
8789 Lablab vulgaris, (white) Pegu. Dr. Brandis.
Dolichos lablab. *Mossa kottei* (yellow and dun colored varieties.) "Much cultivated and consumed by all classes either alone or with fresh vegetables. Its price varies from 4 to 8 francs the hectolitre. Pondicherry. Local Committee.
4516 Moochacottay. Tanjore. Hurry Row.
7533 Dolichos tetraspermus. Madras. Ramasawmy Chetty.
3087 Lablab vulgaris. White variety. Coimbatore. Kistniah.

[Bullar is a large oval bean of all colors, white yellow, dun, red and black, the distinguishing mark of this grain is the placenta which forms a high white ridge running round one-third of the bean.]

Caramany—Sadai payaru.

(*Dolichos sp. Dolichos catiang, Dolichos cultratus.*)

7102 Dolichos sp. *Sadai paya'ru.* "Sown in August or September, and reaped in four months, keeps good one year, is but little cultivated, and is only used with other legumes in making cakes which are eaten by all classes indiscriminately. It is exported to Mauritius. [A large red seed truncated at both ends.] Pondicherry. Local Committee.
1067 Bobbarloo. Vizianagrum.
1060 Alchundaloo. do.
800 Dolichos catiang. Caramany. (shining black large seed.) Chingleput. Runga Charloo.
7100 Phaseolus trilobatus. *Perum payaru.* [A smaller red seed truncated at both ends.] Pondicherry. Local Committee. The remark attached to 7102 applies equally to this.
4514 Koothoo caramany. Tanjore. Hurry Row.
4491 Cooneooma pyer, do. do.
4513 Paroom pyer. Tanjore. Hurry Row.
4519 Tatta pyer, do. do.
2663 Caramany. Cuddapa. M. Murray, Esq.
120 Paroom-payaroo. Tinnevelly.
2550 Ala-chundaloo. Cuddapa.
1531 Ala-sundaloo or karamany. Bellary. Loc. Com.
8068 Caramany. Kurnool.
3943 Ala-sundaloo. (*Dolichos catiang.*) Masulipatam. Local Committee.
3958 Caramany black, do. do.
8248 Mulka (white.) Hydrabad.
629 Caramany. Chingleput. Davanun.
4253 Halasundec. Bangalore (small).
8789 Caramany. Pegu. Dr. Brandis.
"Caramany" (light green.) do.
"Caramany" (white, red and black varieties.)
7533 Dolichos catiang, karamany. Madras. Ramasawmy.
3086 Thatta-pyer. Coimbatore. Kistniah.
7103 Dolichos catiang, *karamany.* Sown in December or January and reaped in nine months, keeps good one year, much cultivated and consumed by all classes. [A very small dun colored seed truncated at both ends.] Pondicherry. Local Committee.
627 Toolooky gram. Chingleput. Davauun.
1532 Madepauvaloo. Bellary. Local Committee.
1039 Pasaurapuppoo. Vizianagrum.
800 Thoolaca pyer. Chingleput. Runga Charloo.

[These three varieties are distinguished from the following by the shape of the seed; in these both ends are truncated whereas, the next is almost a round grain. They are found of all colors from white to black, red being the most usual.]

Dholl—Toovaray.

(*Cajanus Indicus.*)

7107 Cajanus Indicus. *Tuvarei.* Sown in July and reaped in five months. Keeps good one year. Is much cultivated and consumed by all classes, seldom eaten alone. Ground into flour, it is made into cakes. It is sometimes given to horses to invigorate them. Price varying from 4 to 8 francs the hectolitre.
4510 Thovaray. Tanjore. Hurry Row.
2463 Red gram or cundaloo. Cuddapa.
800 Thoovaray. Chingleput. Runga Charloo.
1030, to 1032 Cundeepuppoo. Vizianagram.
1530 Pigeon peas or dholl. Bellary. Local Com.
1532 Badaloo or broken dholl. Do. do.
634 Dholl gram. Chingleput. Ramanada.
3082 Dholl. Coimbatore. Kistniah.

8272 Dholl, six specimens. Hydrabad.
Thoor. (6 specimens.) Do.
3249 Thoovaray or Pigeon pea. Travancore. Local Committee.
3957 Pigeon pea or red cundaloo. Masulipatam. Local Committee.
3958 Pigeon pea, white. Do. do.
8345 Toor. Hydrabad.
2669 & 2677 Toor. Red gram or cunthaloo. Cuddapa. M. Murray, Esq.
2630 Toovaray. Do.
4253 Cytisus, or Dholl. Bangalore.
4509 Thoovaray shelled. Tanjore. Hurry Row.
8069 Dholl or cundooloo. Kurnool.

Varieties.

9036 Thoovaray, Madras. (Mottled red.)
9035 Thooveray. Madras. (Large mottled purple and white.)
7533 Thooveray. Madras. Ramasawmy.
4253 Turka-togari doll, (white.) Bangalore.
3943 Cauramooloo, [white.] Masulipatam.
[Toovaray or Dholl is generally of a deep red color, varieties however of several colors are exhibited.]

Oolundoo or Māsh.

(*Phaseolus radiatus.*)

1527 Moony or Mash. Bellary. Local Committee.
625 Oolundoo. Chingleput. Davanun.
3084 Oolundoo. *Phaseolus radiatus.* Coimbatore. Kistniah.
800 Oolundo. Chingleput. Runga Charloo.
7087 Phaseolus radiatus. *Ulundu.* Sown in August and reaped in 4 months, keeps good two years. Much cultivated and consumed by all classes without distinction, but seldom alone. Ground into flour it is made into cakes. It is given to horses to invigorate them. Price varies from 5 to 13 francs the hectolitre. Pondicherry. Appow Mdly.
4253 Humbuddoo. Bangalore. Kistnasamy.
117 Black gram. Tinnevelly. Nullaseven.
2551 Black gram. Cuddapa.
4524 Wooluntboo. Tanjore. Hurry Row.
1037 Menoomoolo or black gram. Vizianagram.
8070 Wodooloo. Kurnool.
3349 Ooreed. Hydrabad. Capt. Taylor.
7533 Phaseolus radiatus. Madras. Ramasawmy.
2627 Menoomaloo or black gram. Cuddapa.
3942 Black gram. Masulipatam. Loc. Com.
3248 Oolundoo or Mash. Travancore. Loc. Com.
(Oolundoo is a small seed in shape much like "karamany" but of a dull brownish black color the placenta mark being very distinct.)

Green gram or Moong.

(*Phaseolus mungo.*)

1526 Green gram. Bellary. Local Committee, (bright and mottled variety mixed.)
624 Green gram. Chingleput. (bright green.)
8329 Green gram (8 specimens.) Hydrabad.
7533 Green gram. Madras. Ramasawmy Chetty.
3941 & 3960 Green gram. Masulipatam. Local Committee.
121 Green gram. Tinnevelly, (bright green.)
800 Green gram. Chingleput. Runga Charloo.
2666 Green gram. Cuddapa, (dark mottled.)
626 Bungala gram. Chingleput, (dark mottled variety.)
3960 Passaloo or green gram. Masulipatam. L.C
1041 Pillec pussaloo, (black variety.) Vizianagram.
7098 Phaseolus mungo. "*Passe payaru*" Sown in August or September, much cultivated. The flour is used in the toilette instead of soap. Price varies from 4 to 12 francs the hectolitre. Pondicherry.
4253 Black Hesaru. Bangalore. Kristnasamy.
„ Hesaru [bright green,] do.
4516 Green gram [bright green.] Tanjore. Hurry Row.
8336 Moong (yellow green and black mixed.) Hydrabad. Capt. Taylor.
8341 Moongay (bright green) do.
7100 Phaseolus, "*malie kulliki payaru.*" Very seldom cultivated, used like ulundu, (bright green and dark green seed.) Pondicherry. Local Com.
7099 Phaseolus trilobatus, *pani payaru* (small dirty black seed,) do. do.
7098 Phaseolus aconitifolius (dark green.) A kind of green gram, used in curries and cakes.
7097 Green gram (bright green) used in making cakes and as a substitute for soap. do. do.
Green gram 1st sort (bright and dark green mixed.) Kurnool.
4492 Vaya pier. Tanjore. Hurry Row. (Small dirty black.)
3085 Green gram. Coimbatore. Kistniah.
8789 Putcha pyroo. Pegu. Dr. Brandis.
1042 Teegapasaloo a kind of green gram (black.) Vizianagrum.
1040 Pucha pausaloo (bright green) or common green gram, do.
2244 Chiroopayaroo, (bright green.) Travancore. Local Committee.

Ervum Lens.

1525 Lentil seeds, price 12 seers per Rupee. Bellary. Local Committee.
8382 Mussoor. Hydrabad. Capt. Taylor.

Coolthi.

(*Glycine tomentosa—Dolichos uniflorus.*)

1528 Horse gram. Bellary. Local Committee.
628 Horse gram. Chingleput. Davanun.
800 Coolthi. Chingleput. Runga Charloo.
3089 Horse gram. Coimbatore. Kistniah.
Jet black coolthi. (3 specimens.) Hydrabad.
Mottled coolthi. (2 specimens.) do.
Common coolthi. (5 specimens.) do.
7533 Horse gram. Madras. Ramasawmy Chetty.
3938 Horse gram or coolthi. Masulipatam. Local Committee.
118 Horse gram. Tinnevelly. Meera Soobaroyen.
7104 Glycine tomentosa or Dolichos uniflorus. "It is sown in September and reaped in four months, and keeps good one year. It is much cultivated and consumed by the middle and poorer classes. It forms the food of horses and beasts of burden. Its price varies from 4 to 8 francs, a hectolitre." Pondicherry. Local Committee.
4253 White gram. Bangalore. Kristnasamy.
8355 Gram. Hydrabad. Capt. Taylor.
2667 & 2660 Horse gram. Cuddapa. M. Murray, Esq.
2664 Black gram. do. do.
4512 Gram. Tanjore. Hurry Row.
3247 Kanum (*Glycine tomentosa*) Travancore.

Kattu kolu.

(*Glycine suaveolens.*)

7105 Glycine suaveolens, *kattu kolu.* Pondicherry. Local Committee. "Found in a wild state and only used in medicine."
4253 Black gram. Bangalore. Kristnasamy.
8071 Black horse gram. Kurnool.
625 Black gram. Chingleput.
Black gram. [8 specimens.] Hydrabad.
3942 Black gram. Masulipatam. Local Committee.
117 Black gram. Tinnevelly. Nullaseven.
1055 Black horse gram. Vizianagrum.

Peas.

(*Pisum sativum et species.*)

3945 Common peas. Masulipatam. Local Committee.
7108 Pisum sativum. "*Puttany.*" Sown in September or October and reaped in 8 months, little cultivated. Pondicherry. Local Committee.
7533 Peas ordinary. Madras. Ramasawmy.
2998 Gray peas. Coimbatore. Local Committee. (A small grain beautifully mottled with olive green.)
8360 Puttany. Hydrabad. Capt. Taylor. (Same as the preceding.)
1034 Bodee Saunaugaloo. Vizianagram. (Same as the preceding.
4489 Veedoothee cottay. Tanjore. Hurry Row.

Bengal gram.

(*Cicer arietinum.*)

1524 Chick pea or Bengal gram, is much cultivated in this District. Bellary. Local Committee.
626 Bengal gram. Chingleput. Davunnun.
3088 Bengal gram. Coimbatore. Kistnial.
8371 Chenna. (14 specimens.) Hydrabad.
7533 Bengal gram. Madras. Ramasawmy Chetty.
3949 Bengal gram. Masulipatam. Local Committee.
115 Bengal gram. Tinnevelly. Meera Soobaroyen.
4507 Chenna. Tanjore. Hurry Row.
3251 Bengal gram. Travancore. Local Committee.
7106 Cicer arietinum. *Cadalei.* Pondicherry. Local Committee. "Is not cultivated in the Pondicherry territory. Is consumed by all classes, and given to horses as an exciting food. At Bourbon and Mauritius, it is the usual food of beasts of burden and is much imported."
4253 Bengal gram. Bangalore. Kristnasamy.
4253 Black Bengal gram. Bangalore.
8789 Bengal gram. Pegu. Dr. Brandis.
1033 Sanaugaloo. Vizianagram.
2625 Sanagaloo. Cuddapa.
2682 Bengal gram (sown in the field.) Cuddapa.
8333 Chenna. Hydrabad. Capt. Taylor.

Variety.

8361 Lath. (This resembles the Bengal gram, of which it is probably a variety. In lieu however of the usual brown of that pulse, this is of a pale green, mottled with black spots—it wants moreover the point of the Bengal gram.) Hydrabad. Capt. Taylor.
(The usual color of Chenna is a dark brown, deepening in some instances to black.)

Beans.

White red and black beans. Hydrabad.
Canavalia gladiata or "sword bean." Hydrabad Dr. Riddle.
8268 French beans from the Government Gardens. Ootacamund. Mr. McIvor.

"It is well known that the French bean forms the principal food of the French peasant and soldier. These beans contain more nutritious matter than any other known vegetable product, and are on that account most desirable for the supply of troops. In France they are sold at from 2½d. to 5d. per lb. according to color; the white kinds fetching the highest price. They could be produced on the Neilgherries if grown in large quantities, at half the above price, and are exhibited in order to call attention to this fact."
8072 Beans. Kurnool. (flat, striped black and white)

Raj Jeera.

(*Amaranthus ?*)

8349 Raj-jeera. (Amaranthus ?) Hydrabad.
8350 Raj-jeera white. Do. do,
7096 Caat arveh suppoo. (white jeera) Mangalore. Pedre Proboo.

Dried Fruits.

(*Cocoanuts, Cashewnuts, &c. see Oil seeds.*)

Oil Seeds.

(*Vide Class IV. Section II.*)

SECTION II.

SUBSTANCES USED IN THE PREPARATION OF DRINKS.

Coffee.

811 Coffee. Chingleput. Mr. Brass.
Coffee. Hydrabad.
8636 Coffee first sort, or round coffee, 4 bags at Rupees 140 per candy. Tinnevelly. T. Vasudavoo Pillay.
8636 Coffee ordinary at Rs. 105 per Candy. do.
2758 Coffee, 4 lbs. Malabar. Collector.

"The cultivation of this valuable article is rapidly increasing, especially above the Ghauts in Wynaad, &c. In 1845-56 the quantity exported was 2,375 Cwt. The average of the subsequent five years was 8,472 Cwt., and that of the following five years rose to 21,064 Cwt.

The exportations during the last five years amounted as follows:—

In 1261	to 13,723	Cwt.	Value	1,51,707 Rupees.
62	„ 18,873	„	„	1,88,784 „
63	„ 33,110	„	„	3,36,997 „
64	„ 24,143	„	„	2,70,457 „
65	„ 49,754	„	„	5,57,118 „

We regret that the early day fixed as the latest date within which articles could be received at Madras, has prevented us transmitting good samples of this year's crop.

It may be proper to remark here that the value entered above is the *Tariff* value, which is much below the market price. At present there is a

brisk demand for Coffee, and prices have risen to 22 Rupees per Cwt.

2834 Coffee (Pea berry.) Malabar. Mr. Bassano.

2835 Coffee (flat berry.) do. do.

Coffee from General Cullen's garden at Ashumboo 3000 feet above the level of the sea, annual rain 95 inches. Travancore. General Cullen.

Coffee from General Cullen's garden at Vellymullay 1800 feet above the level of the sea, annual rain 51 inches.

4249 & 4250 Coffee from Anoor, Nuggur division. Mysore. Mr. Cannon.

Coffee. Cuddapa.

Mocha Coffee grown at Poona. Hydrabad. Dr. Riddle.

2758 Coffee 2 lbs. Malabar. Cary Bapoo (pea berry.) 2 boxes.

5883 Arabian Mocha Coffee, per Cwt., 82*s*. Madras Chamber of Commerce.

5884 Ceylon plantation coffee 68*s*. do. do.

5885 Ceylon native coffee 52*s*. do. do.

5886 Java coffee, 56*s*, do. do.

5887 Singapore Bugis 49*s*. Chamber of Commerce.

5888 S. American, Costa Rica 59*s*. do. do.

5889 S. American Rio 47*s*. do. do.

5890 Jamaica 60*s*. do. do.

1028 Coffee. Vizianagrum. H. H. the Raja.

3605 Coffee, pea berry. Madras. Binny and Co.

3605 Coffee, large berry. do. do.

5083 Sawantwarry coffee do. do.

3199 Coffee. Travancore. Local Committee.

5069 Coffee from Shevaroy Hills. Salem. Messrs. Richardson and Co. (14 bags.)

6847 Coffee pea berry. Salem. Messrs. Fischer & Co.

6847 Coffee large berry. do. do.

7079 Coffee. Mangalore. Pedre Proboo.

Concentrated essence of coffee prepared by Madame Thane. Madras.

Burmese Tea.

8927 "Sepay Chou." (Burmese tea.) Pegu. Dr. Brandis.

Cocoa.

3602 Cocoa. Messrs. Binny and Co. Madras.

SECTION III.

INTOXICATING DRUGS AND FERMENTED LIQUORS.

Tobacco.

798 Tobacco. Chingleput.

3098 Tobacco. Coimbatore. Kistniah.

3963 Tobacco. Masulipatam. Local Committee.

8921 Tobacco stems cut into pieces and mixed with the tobacco leaves in making cheroots. Pegu. Dr. Brandis.

8926 Majahbun leaves, used to cover cheroots. Do. do.

3910 to 3915 Cheroots. Rajahmundry. Chagoody Ramasawmy.

8605 Tobacco. Moulmein. Captain Benson.

Tobacco. Madura. Collector.

4532 Padoogay tobacco. Tanjore. Hurry row.

4531 Vadaramiem tobacco. Do. do.

Tobacco. Hydrabad.

1168 Tobacco.

1058 Tobacco. Vizianagram. H. H. the Raja.

Ganja.

(*Cannabis sativa*)

Cannabis Indica. *Ganja*. Pondicherry. Local Committee.

1 Massanom or Baughy, chiefly composed of palmyra jaggry and Ganja powder. Pondicherry. Local Committee.

Wine and Spirits.

Spirit from mangoes. Hydrabad. Ramasawmy Mdly.

Spirit of molasses. Ramasamy Mdly.

Spirit of sugar or Indian rum. do. do.

Spirit of Goolmawah. Do. do.

8304 Auranta wine, Rs. 12 per dozen, the genuine product of Indian fruits, and manufactured in the manner adopted in Europe. Rajahmundry. Mr. C. Rundall.

7116 Alcohol. Pondicherry. Mr. Godefroy.

7061 Arrack from the cashew apple, used externally for rheumatism. Pedre Proboo.

7062 Velumpetta arrack. do. do.

Refreshing drinks.

8932 Ocimum sanctum. "Peinzaing zee" steeped in water and drunk as a sherbet. Pegu. Dr. Brandis.

7057 Rattan juice. Mangalore. Pedre Proboo.

7058 Fig tree juice. Do. do.

7059 Noorath twig juice. do. do.

7060 Wolungil twig juice. do. do.

Vinegar.

8697 Vinegar from Bengal gram. Mysore. Apothecary Wrightman. (Obtained by drawing cloths over the plant whilst the dew is on it.)

8305 White wine vinegar, Rs. 5-8 per dozen made from the lees of the Auranta wine. Rajahmundry. Mr. C. Rundall.

7062 Vinegar from the Bynee tree. (*Caryota urens.*) Pedre Proboo.

SECTION IV

SPICES AND CONDIMENTS.

Nutmegs and Mace.

3606 Nutmegs and mace. Binny and Co.

3208 & 3200 Nutmegs and mace. Travancore.

Nutmegs. Tinnevelly. (Imported.)

1237 Nutmegs and mace. Madura. [not indigenous.]

2298 Nutmegs and mace. Nellore. Do.

2654 & 2655 Nutmegs and maee, Malabar. Cottyam Tahsildar.
2320 Nutmegs and maee, the produce of the Royal Botanieal Gardens. Paradenia. Ceylon. Mr. Thwaites.
7533 Mace. Madras. Ramasawmy Chetty.

Cinnamon.

Cinnamon. Hydrabad. Capt. Taylor.
2651 Cinnamon. Malabar. Cottyam Tahsildar. "Cinnamon is ehiefly the produee of Anjarakundy, a Plantation held by Mr. Brown in North Malabar, the external trade of this artiele seems to have fallen off, for the average export does not exeeed 200 Cwt."
3201 & 3202 Cinnamon. Travaneore. Loc. Com.
3602 Cinnamon. Messrs. Binny & Co.
7142 Cinnamon. Mangalore. Pedre Proboo.

Cassia bark.

2649 Cassia bark. Malabar. Cottyam Tahsildar.
3202 Cassia bark. Travaneore. Loc. Com.

Cassia buds.

2650 Cassia buds. Malabar. Cotteyam Tahsildar.

Cloves.

7434 Cloves. Madras. Ramsamy Chetty.
3600 Cloves from Genl. Cullen's garden at Vellimullay 1800 feet above the sea, annual rain 51 inehes. Travaneore. Genl. Cullen.
3191 Kerampoo or cloves. Travaneore. Local Committee.
3603 Cloves. Messrs. Binny and Co.
2310 Cloves, the produee of the Royal Botanical gardens. Paradenia. Ceylon. Mr. Thwaites.
Cloves. Tinnevelly.
2296 Cloves. Nellore. H. Young, Esq.
1237 Cloves. Madura.
2652 Cloves. Malabar Cotteyam Tahsildar.

Cardamoms.

3105 Cardamoms. Coimbatore. Kistniah.
7534 Cardamoms. Madras. Ramasawmy Chetty.
2832 & 2833 Cardamoms fresh and green. Malabar. Mr. Bassano.
"This valuable spiee of spontaneous growth on the Hills of the Distriet, is ehiefly from Wynaad, but might no doubt beeome a valuable garden produee as in Canara. The revenue derivable by Government is farmed out. During the last five Fuslies (1261 to 1265) it amounted to Rs. 18,775 per annum, the renter paying the proprietors of the hills a moiety of the value of the artiele, amounting to Rupees 300 per eandy. The exports of this artiele during the above five years is as follows—

1261	Quantity...	2,207...	Value...	1,90,645 Rs.
62	"	1,449	"	1,13,462 "
63	"	2,225	"	1,87,795 "
64	"	1,630	"	1,43,490 "
65	"	1,258	"	1,12,867 "

3195 & 3196 Cardamoms. Travancore. Local Committee.
5970 Madras eardamoms. Chamber of Commerce.
5969 Malabar eardamoms. do. do.
5971 Ceylon eardamoms. do. do.
2301 Cardamoms. Nellore. H. Young, Esq.
4253 Cardamoms. Bangalore. Kistnasawmy.
2648 Cardamoms. Malabar. Cotteyam Tahsildar.
1237 Cardamoms. Madura. Veedapoogum.
Cardamoms. Hydrabad.
2320 Cardamoms from the Royal Botanieal Gardens Paradenia. Ceylon. Mr. Thwaites.

Coriander.

1410 Coriander seed. Bellary. Loeal Committee.
3103 Coriander. Coimbatore. Kistniah.
8373 Coriander (4 sp). Hydrabad.
7534 Coriander. Madras. Ramasawmy Chetty.
3950 Coriander. Masulipatam. Loe. Com.
3189 Koothumbalarie. Travaneore. Loe. Com.
Coriander. Kurnool.
8323 Dhunea. Hydrabad. Capt. Taylor.
2301 Coriander. Nellore. H. Young, Esq.
2173 Coriander. Kotamulli. Pondieherry. Loeal Committee.
1237 Coriander. Madura. Veedapoogum.
2692 Coriander. Cuddapa. M. Murray, Esq.
7465 Coriander. Tanjore. Hurry Row.
1845 Dhaneyaloo. Vizianagram.

Chilies.

1405 Chillies. Bellary. Loe. Com.
644 Chillies. Chingleput. Pateheappa.
3092 Chillies. Coimbatore. Kistniah.
Chillies. Hydrabad. Capt. Taylor.
8929 Capsieum annuum. "Najoukjailay". Pegu. Dr. Brandis.
3187 & 3188 Chillies. *Capsicum frutescens.* Travaneore. Local Committee.
3198 Bird ehillies. *Capsicum minimum.* Travaneore. Loeal Committee.
1051 Cereyapoopulloo or Chillies. Vizianagram.

Pepper black.

2656 Blaek pepper. Malabar. Cottyam Tahsildar. "This is a staple of the Distriet, espeeially of parts of the talooks of the Northern Division of Malabar. The eulture is inereasing, eneouraged no doubt by the exemption from land tax enjoyed. Of late years the demand for the artiele has likewise inereased. The market priee is now as high as about 100 Rs. per Candy. The Quantity exported in.

1261	was	1,09,583 Cwt.	at 8—15	per Cwt.	9,55,307 Rs.
62	"	1,37,037	"	"	11,12,505 "
63	"	1,02,710	"	"	8,30,909 "
65	"	99,365	"	"	8,90,708 "
65	"	1,36,875	"	"	11,88,900 "

7534 Pepper. Madras. Ramasawmy Chetty.
3209 Pepper blaek. Travaneore. Loeal Committee.
3603 Pepper. Messrs. Binny and Co.
2299 Pepper blaek. Nellore. H. Young, Esq.
7155½ Pepper. Pondieherry. Loeal Committee.
1093 Caroo mereyaloo or hill pepper. Vizianagrum.
1237 Pepper. Madura. Veedapoogum.
Pepper. Hydrabad. Capt. Taylor.
4253 Pepper blaek. Bangalore. Kristnasawmy.
2982 Raw pepper (wild.) Coimbatore. Overseer Reid.

Pepper white.

3210 Pepper white. Travaneore. Loe. Com.
3603 Pepper white. Messrs. Binny and Co.
4253 Pepper white. Bangalore. Kristnasawmy.
7099 White pepper. Mangalore. Pedre Proboo.
2657 White pepper. Malabar. Cotteyam Tahsildar.

Long pepper.

(*See medicines.*)

Betel Nut.

1402 Areca nuts, raw. "Cultivated in abundance in the wet talooks." Bellary. Local Committee.
1403 Areca nuts boiled. "It is in this form that the Areca nuts are chiefly sold in the Bazaars."
Betel nut. Hydrabad.
8933 Betel nuts or "Kounthee" from Goungoo. Pegu. Dr. Brandis.
8134 Betel nuts inferior, "Malajou Kounthee" from Moulmein. Do.
2419 Betel nut. Salem. Tondroy Naick.
2441 Betel nut. Salem. Chokalinga Mdly.
2522 Areca nuts. Salem. Heeray Gowden.
3204 Areca nut. Travancore. Local Committee.
3205 Areca nut, sliced. Do. do.
3206 Areca nut, sliced. Do. do.
3207 Areca nut sliced and colored. Do.
3603 Areca nut. Madras. Messrs. Binny & Co.
4253 Betel nut of 4 qualities. Bangalore.
4253 Sooparie or betel nut sliced. Do.
4525 Betel nut. Tanjore. Hurry Row.
7141 Betel nut. Mangalore. Pedre Proboo.
Betel nut. Madras.
Betel nuts raw and boiled. Hydrabad.
7154 Betel nut *kallippaku*. Pondicherry. Local Committee.

Betel leaf.

1404 Souparie leaves. Bellary. Local Committee.

Ginger.

1406 Ginger. Bellary. Local Committee.
Ginger. Hydrabad.
7534 Ginger. Madras. Ramasawmy Chetty.
8916 Ginseing giuger, green. Rangoon. Dr. Brandis.
3194 Sookoo or ginger. Travancore. Loc. Com.
1078 Sonty or dry ginger. Vizianagram.
7120 Ginger. Pondicherry. Loc. Com.
1237 Dry ginger. Madura. Veedapoogun.
2096 Dry ginger. Nellore. H. Young, Esq.

Turmeric.

(*See also Dyes.*)

2658 Turmeric is grown of excellent quality, more or less in all parts of the Malabar district, but the traffic is not in extent what it might be, the average quantity exported being 2,640 Cwt.
7534 Turmeric. Madras. Ramasawmy Chetty.
7534 Curcuma zerumbet Do.

Fœnugreck.

1486 & 1523 Fœnugreek or vendium. Bellary. Local Committee.
3101 Fœnugreek. Coimbatore. Kistniah.
8338 Fœnugreek. Hydrabad. Capt. Taylor.
7534 Fœnugreek. Madras. Ramasawmy Chitty.
2623 Fœnugreek. Cuddapa. Vengul Reddy.
Fœnugreek. Kurnool.
4504 Fœnugreek. Tanjore. Hurry Row.
1237 Vendium. Madura. Veedapoogun.
7121 Vendium. Pondicherry. Loc. Com.
1049 Mentooloo. Vizianagram.
3186 Fœnugreek. Travancore. Local Committee.

Cummin.

8989 Cummin seed, Pegu. Dr. Brandis.
3100 Cummin seed. Coimbatore. Kistniah.
1407 Cummin seed. Bellary. Loc. Com.
7125 Cuminum cyminum (Seeragum). Pondicherry. Local Committee.
8327 Gajra seed. Hydrabad. Capt. Taylor.
Cummin seed. Cuddapa.
2297 Cummin seed Nellore. H. Young, Esq.
Jeerakum. Kurnool.
4253 Cummin seed. Bangalore. Kistnasawmy.
7534 Cummin seed. Madras. Ramasawmy Chetty.

Anise seed.

7126 Fœniculum vulgare. *Peroun siragame.* Pondicherry Local Committee.
8332 Burree somph Hyderabad. Capt. Taylor.
1475 Anise seed. Bellary Local Committee.
Anise seed. Kurnool.
2194 Aniseed. Nellore. H. Young, Esq.
8789 Anise seed. Pegu. Dr. Brandis.
7534 Anise seed. Madras. Ramasawmy Chetty.
(Anise seed may easily be distinguished from this class of aromatic seeds, by its great resemblance to a grain of paddy.)

Anethum graveolens.

7063 Anethum graveolens. *Sadacouppee.* Pondicherry Local Committee.
2214 Soyee seed. Nellore. H. Young, Esq.
8363 Sep seed. Hydrabad. Capt. Taylor.
1542 Sadacoopie. Bellary.

Nigella sativa.

8935 "Samoung nay" eaten by the Burmese with sweetmeats. Pegu. Dr. Brandis.
7127 Carun Seeragum. Pondicherry. Local Com.

Womum.

(*Ptychotis ajowan.*)

Bishop's weed seed. Kurnool.
8364 Woma seed. Hydrabad. Capt. Taylor.
1487 Bishop's weed seed. Bellary. Loc. Com.
1597 Bishop's weed seed. Bellary.
7124 Sison ammi. *Omame.* Pondicherry. L. C.
7534 Anjooa. Madras. Ramasawmy Chetty.
1052 Womum. Vizianagram.

Cleome viscosa.

4495 Nayacadaghoo. Tanjore. Hurry Row.
1850 Waumantaloo. Vizianagrum.

Caraway.

1237 Cake verei. Madura. (imported.)

Mustard.

(*See also Oil Seeds.*)

1408 Mustard seed. Bellary. Local Committee.
3102 Mustard seed. Coimbatore. Kistniah.

Tamarinds.

3091 Tamarinds. Coimbatore. Kistniah.

Garlic and Onions.

Garlic. Hydrabad. Capt. Taylor.
3190 Vallei poondoo. Travancore. Loc. Com.
1056 Velloolly or garlic. Vizianagram.
1237 Garlic. Madura. Veedapoogun.
Onions. white and large. Bellary. Kumply Tahsildar.
2632 Onions. Cuddapa. M. Murray, Esq.
1237 Onions. Madura. Veedapoogun.
1057 Onions. Vizianagrum.

Vanilla.

2320 Vanilla, the produce of the Royal Botanical Gardens. Paradenia. Ceylon. Mr. Thwaites.

Pickles.

(*None.*)

Preserved fruits or Jams.

(*None.*)

SECTION V.

STARCHES.

East Indian Arrowroot.

(*Jatropha manihot.*)

7129 Starch of the *dried* root of the Jatropha manihot or Mayakijangoo marow. Pondicherry Mr. T. Filatriau.
7129 Do. do. Mr. J. de Peltier.
8418 Cassava flour, produced from the *dried* roots of Jatropha Manihot, 20 lbs., Rs. 3-12. Rajahmundry. Mr. Charles Rundall.
8419 Tapioca powder, obtained from the *fresh* roots of the Jatropha Manihot, 20lbs., Rs. 7-8.
8420 Tapioca, or the above powder granulated by the application of heat, 20lbs., Rs. 13-12. do.

West Indian Arrowroot.

(*Maranta arundinacea.*)

Genuine arrowroot from the Maranta arundinacea, grown at Bolarum. The arrowroot is obtained by the usual processes to the amount of about 25 per cent. it may yield a larger quantity if the root is dug up in proper time. Hydrabad. Dr. Smith.

West Indian Arrowroot grown at Russelcondah in 1856 by Capt. L. Johnston, 26th Regt. N. I. "Estimated produce 1200 lbs. per acre, estimated expenses including rent of land, cultivation, preparation and packing for market, boxes, carriage, and freight to England—Annas two per lb. Value in the London market—Annas eight per lb.

Starch of the Maranta Indica. Pondicherry. Mr. J. de Peltier.

Arrow-root and Tapioca.

(*The botanical names of the plants yielding the following starches are not specified.*)

3267 Coovamavoo, or prepared arrow root. Travancore. Local Committee.
3268 Coovamavoo or arrow root bulb, do. do.
3271 Maracheenie mavoo or prepared Tapioca. do.
3270 Maracheenie or Tapioca sliced, do. do.
1082 Paulaugunda or arrow-root. Vizianagrum.
7065 Tapioca flour. Mangalore. Pedre Proboo.
7064 Tapioca granulated. Do. do.
7067 Arrow-root. Mangalore. Pedre Proboo.
6966 Arrow-root grown at Tranquebar. H. Nott, Esq., Civil Surgeon.
Arrow root from Chudderghaut. Hydrabad. Dr. Smith.
Tapioca granulated. Madura. Francis Ashbury.
Arrow root. Hydrabad. Kunniah.
4548 Arrow root. Tanjore. Hurry Row.
1988 Arrow root. Mysore. Major Coats.
5112 Arrow root. Tanjore. Mr. Kohlhoff.
Aulvully root flour. ? Guntoor.
1321 Arrow root 25 lbs. Madura. Rev. C. R. Little.
6277 Arrow root. Hydrabad. Local Committee.
Arrow root. Hydrabad. Dr. Smith.
8643 Arrow root. Tinnevelly. Coopchund.
2659 Arrow root. Malabar. Tellicherry, Cary Bapoo.

"The plant producing Arrowroot in this district is not cultivated, but grows abundantly, in swampy grounds, in the interior parts of the District. The poorer classes collect the root and bring it, as also the powder prepared in a rough way, to the coast markets, where the best flour is manufactured.

In 1261...	11,861 Cwt.	Value	47,667	Rupees.
62...	9,590 „	„	42,373	„
63 ..	9,760 „	„	62,522	„
64...	4,883 „	„	32,214	„
65...	8,056 „	„	28,311	„

The above includes the portion exported in its rough state, hence the discrepancy between the quantity and value."

Talipot Palm.

3595 & 3607 Meal from the Codda-pana or Talipot Palm. Paraka Coroovello. Travancore. L. C.
3595 Specimen of the heart or pith of the Coddapana tree or Talipot Palm from which the meal or sago has been extracted. Mrs. Fernandez.
3595 Meal prepared by the natives from the Talipot palm, and consumed by themselves. Do.
3595 Meal from the Talipot Palm, prepared by Mrs. Fernandez.

Sago.

(*Caryota urens.*)

7068 Bynee flour. Mangalore. Pedre Proboo.
3261 Savvarisee or Sago. Travancore. Loc. Com.

Palmyra root starch.

7131 Starch of the tender roots of the Palmyra. Pondicherry. Mr. J. de Peltier.
7131 Do. do. Mr. J. Filatriau.
7069 Palmyra root flour. Mangalore. Pedre Proboo.
4986 Palmyra root flour. Nazareth. Madras. Royappa Pillay.
681 Palmyra root. Chingleput. Moothun.

Plantain meal.

Plantain powder. Hydrabad. Cunniah.

1327 Plantain meal ½ viss. Madura. Rev. C. A. Little.

1327 Plantain meal, Soolavundun. Madura. Francis Ashbury.

4547 Plantain meal. Tanjore. Hurry Row.

Amarantus furmentaceus.

2999 Amarautus frumentaceus powder Coimbatore.

3000 Amarantus frumentaceus (the roasted seed.) Coimbatore. Loal Committee.

Mango starch.

7133 Starch extracted from the Mango fruit. Pondicherry. Mr. Perrotet. (A new product.)

Caut Saimbul.

Starch from the roots of the Caut Saimbull. Hydrabad. Mr. J. Murray.

Trapa bi-spinosa.

Starch or Fecule of the "Singara" or *Trapa bi-spinosa*. Hydrabad, Mr. J. Murray. (Vide O'Shaughnessy p. 330.)

Bombax heptaphylla.

Starch from the root of the Bombax heptaphylla. Hydrabad.

Salep.

9318 Soofeid Mooslie or Quill salep, 1 bag, from the Adjunta range of hills. Capt. Davies, N. Berar. Hydrabad.

9322 Tuberous roots from the Adjunta Hills, do.

Salep Misrie. Hydrabad. Dr. Riddle.

Yams.

3272 Saineik kilangoo, round yam. Travancore. Local Committee.

3273 Sainee mavoo, or starch from the round yam.

3283 Katchil vittoo, yam seed, do.

3283 Katchil kilungo yam, do.

3276 Pidi-kilango yam, do.

3268 Coovamavoo or arrow-root bulb, do.

3277 Cheeva kilangoo, do. do.

3281 Saemban kilangoo, do. do.

2660 to 2669 Yams of various sorts, viz., Chavel, Coorookul, Kavalah, Korana, Noot, Noolen chavel, Nopen, Poola, Shadavery and Venny yams. Malabar. Tahsildar of Walloowanaud. "Several varieties of Yams are cultivated in all parts of the District. They are not however articles of commerce deserving of note."

7120 &c., Keelmakee, Chalogue, Wethileavolly Wonna quillong, Perra quillong, and Narch yams. Mangalore. Pedre Proboo.

Unclassified specimens.

3274 Chanangai. Travancore. Local Committee.

3265 Aravuttee. A pod enclosing acuminate. grains. do. do.

3263 Soondavuttee, do. do.

3264 Moorooken vuttee, do. do.

SECTION VI.

SUGARS.

Cane sugar.

1411 to 1413 Jaggery and white and brown sugar. Bellary. Local Committee. "Sugar cane is cultivated to the extent of 5500 acres in this District, but it is made into sugar only in the Bellary and Hindoopoorum talooks; in Fusly 1265 Acres 5347 of wet land were cultivated with sugar cane in this district."

794 Cane jaggery. Chingleput. Patcheapa.

2454 Sugar, 1 maund. Salem. Loc. Com.

7136 Cane sugar. Pondicherry. Local Committee.

Sugar candy. Hydrabad.

Sugar, four specimens. Do.

Jaggery four specimens. Do.

5866 to 5879 Sugar (14 Specimens) Madras. Chamber of Commerce.

7987 Lump sugar powdered, the produce of the Palmanair District. H. Tolputt Esq.

7988 to 7991 Sugar of various qualities from the Chittoor District. Do.

7992 Sugar from Timery. Arcot. Do.

Aska sugar, four samples. Binny & Co.

3916 Sugar. Rajahmundry. C. Narrainsawmy.

3136 Brown sugar. Coimbatore. Kistniah.

Sugar 1st sort. Kurnool.

Jaggery. Kurnool.

2634 Jaggery. Cuddapa,

2454 Sugar. Salem. Local Committee.

1099 Jaggary. Vizianagram.

Cane sugar. Rajahmundry. Arbuthnot & Co.

White sugar. Hydrabad. D. Smith.

Date sugar.

1414 Date jaggery. The date grows spontaneously in this district. Bellary. Local Committee.

Country date jaggery. 20 Rs. per candy. Madras. C. Narrainsawmy. Abkarry Supt.

Country date sugar. 30 Rs. Do. do.

Country date syrup. 25 Rs. Do. do.

Country date sugar candy Rs. 60 per candy.

Palmyra sugar.

793 Palmyra jaggery. Chingleput. Vencata Reddy.

7137 Palmyra sugar. Pondicherry. Loc. Com.

7135 Palmyra jaggery. Do. do.

Palmyra jaggery. Bellary.

Palmyra sugar at Rs. 50 per candy. Madras. Narrainsawmy Abkarry Supt.

Palmyra syrup at Rs. 20 per candy. Do.

Palmyra jaggery Rs. 15 per candy. Do.

Palmyra jaggery. Kurnool.

Palmyra sugar 1st and 2nd quality. Rajahmundry. Arbuthnot & Co.

Cane V. Palmyra. Do. do.

Cocoanut sugar.

7134 Jaggery of the Cocos nucifera. Pondicherry. Local Committee.
Cocoanut sugar. Rs. 100 per candy. Madras. Narrainsawmy. Abkarry Supt.
Cocoanut syrup. Rs. 80 per candy. Do.
Cocoanut jaggery. Rs. 60 per candy. Do.
5353 Cocoanut jaggery. Chingleput. Armooga.

SECTION VIII.

ANIMAL SUBSTANCES.

Honey.

5317 Honey. Chingleput. Armooga Moodelly.
799 Honey. Chingleput. Yanadies.
7532 Honey. Madras. C. Ramasawmy Chetty.
2836 Honey. Malabar. Mr. Bassano.
2837 Honey comb. Do. do.
3423 & 3424 Honey. Travancore. Local Com.
2593 Honey. 12 bottles. Cuddapa.
Honey. Hydrabad. 4 bottles.
3423 Honey. (Cheroo thaen.) Malabar.
3424 Honey. (Broon-thaen.) Do.
3424½ Honey. (Tookkoo-thaen.) Malabar.
3047 Honey. Coimbatore. Kistnah.
1114 Honey. Vizianagram. H. H. the Raja.

Salted meats.

(None.)

Preserved meats.

(None.)

The effects which cultivation and the differences of soil and climate, have in multiplying the species of plants is so well illustrated in the collection of Paddys (*Oryza sativa*) from Tanjore, that the list is here given in full.

Car Series.

1 Ananthady coorooway.
2 Aurayan.
3 Aroovathan coday.
4 Auroovathanal coorooway.
5 Anathana coorooway.
6 Coshu coothaulay.
7 Caroovaulam.
8 Caroon coorooway.
9 Car.
10 Cautaulivannan.
11 Calaverayen.
12 Coothalay.
13 Cooroovi car.
14 Comba cooroovicar.
15 Carootha cadapoo.
16 Cadapa calloonday.
17 Cauttooppoovannan.
18 Cooroon car.
19 Cadapoo car.
20 Chittra car.
21 Chittriyan.
22 Kuttycar.
23 Muttay coorooway.
24 Manavaury cadapoo.
25 Muttay cooroowaycar.
26 Muttay car.
27 Paroon car.
28 Singiny.
29 Shencar.
30 Shengalani car.
31 Shoora coorooway.
32 Shaghapoo coothalay.
33 Seeloovay cadappoo.
34 Shendicar.
35 Vellay coorooway.
36 Vooshy coothalay.
37 Vellay cadapoo.
38 Vellay coothalay.
39 Vellay car.
40 Vella shendicar.
41 Vellacooroovi car.
42 Yellencar.

Shumbah peshanum series.

43 Atheeyoor shumbah.
44 America shumbah.
45 Ananthan shumbah
46 Allagheavanan.
47 Bengal shumbah.
48 Cooroovay moolaghee.
49 Carthica shumbah.
50 Cadaycaloothan.
51 Caroopa pishanum.
52 Cooncooma shumbah.
53 Cumbun shumbah.
54 Carootha culloonday.
55 Culloonday.
56 Codoovaulay.
57 Colladichan.
58 Cauttoor shumbah.
59 Caushy shumbah
60 Cauttoo calloonday.
61 Coombalay.
62 Earaccoo shumbah.
63 Erangemottan.
64 Garoodun shumbah.
65 Jeergha shumbah.
66 Kyver shumbah.
67 Kingeny maulay.
68 Kristnalilah.
69 Moothoo shumbah.

70 Mollaghoo shumbah.
71 Ottadum.
72 Panamoharan.
73 Poottoo shumbah.
74 Putna shumbah.
75 Pooshpah shumbah.
76 Palany shumbah.
77 Poombaulay.
78 Peshanum.
79 Paroon jeerkeeny.
80 Paroom moolaghy.
81 Ponga shumbah.
82 Paul cadoocoy.
83 Ramanathen shumbah.
84 Sharoopaly shumbah.
85 Shaghappoo sharoomanien.
86 Shivun shumbah.
87 Shumbaliperien.
88 Shagappoo shumbah.
89 Sookhadoss do.
90 Shumbalay.
91 Shada shumbah.
92 Shaghapoo moolaghy.
93 Thillanayagum.
94 Thovurray shumbah.
95 Vella sheroomonien.
96 Vengoo shumbah.
97 Vella moolaghy.
98 Vellay shumbah.
99 Venthia shumbah.
100 Vauda shumbah.
101 Vaushanay shumbah.
102 Vooshy shumbah.
103 Yogul.

(End of Class III.)

H. P. HAWKES.

CLASS IV.

VEGETABLE AND ANIMAL SUBSTANCES CHIEFLY USED IN MANUFACTURES.

SECTION I.

Gums, Resins, Gum-resins, Gutta Perchas and Elastics.

Resins and Gum-resins.

Lac.

Lac. Kurnool, Rs. 2-8 per Maund.
Lac. Bangalore.
2675 Lac. Malabar. Walloowanaud Tahsildar.
3995 Lac. Stick Teroor Talook, Masulipatam Local Committee.
2640 Lac Stick. Cuddapa.
6731 Lac from *Ficus Elastica*. Hydrabad, Dr. Riddle.
Seed Lac from *Butea Frondosa*. Dr. Riddle.
1429 Stick Lac. Bellary, Rs. 3-8 per Maund.
Seed Lac. Nundial.
1089 Lucka-poodakoor or Lac. Vizianagram, H. H. the Raja of Vizianagram.
7033 Lac Stick. Mangalore, Padre Probo.
8405 Nagolee stick lac produced in the Nagpoor Territories. Mirzapore, Claude H. Brown.
Lac dye, shell and seed lac from the above.
8406 Bysakee stick lac produced in the Hazaree baugh jungles. do. do.
Dye, shell and seed lac from the above.
8407 Kutkee stick lac, produced in the Jungles of the Kymoor Hills. do. do.
Dye, shell and seed lac from the above.
2512 Avul urruck or shell lac. Salem Local Committee.
2839 Lac. Malabar. Mr. Bassano.
3995 Lac. Masulipatam. Vencata Narsing Row.
8956 Stick lac powdered or "Khjeijk-mhau" used as glue by turners. Pegu. Dr. Brandis.
8957 Stick lac or "Khjeijk" produced by the puncture of a sp. of coccus not only on the branches of the *Ficus sp.* but also on the *Zizyphus jujuba* do. do.
5956 Seed lac, per Cwt. £ 2-5-0. Madras Chamber of Commerce.
5957 Shell lac orange button, per Cwt. £ 4-5-0 do. do.
5958 Shell lac liver, per Cwt. £ 2-18-0 do.
5959 Shell lac orange, per Cwt. £ 2-16-0. do.
5960 Shell lac garnet, per Cwt. £ 2-15-0. do.

Piney—Vateria Indica.

2952 Dammer raw or Pucha-vettoo resin. Coimbatore. E. B. Thomas, Esq. Price As. 4.
6895 Pynee Resin, Cochin Local Committee.
7027 Vegetable gum. Mangalore Padre Probo.
7028 Vegetable gum. 2d sort. do. do.
7029 Vegetable gum. 3d do. do. do.
7030 Vegetable gum. 4th do. do. do.
7031 Piney resin. Mangalore Padre Probo.
7032 Inspissated juice of Doop tree. Used with bees-wax for candles. do. do.
3603 Piney gum. Binny and Co.
2886 Piney resin. (fresh) Malabar.
4022 Pyen pusha. Cochin.
1989 Doopa resin. Bangalore.
" Doopa dammer. do.
2883 and 2886. Pynee resin with specimens of the fruit and leaves. Malabar. Mr. Bassano.

Dammer.

3051 Coonghelium or Dammer from the *Vatica Tambugia*. Coimbatore. Kistniah, Maramut Superintendant.
2950 Black Dammer. Coimbatore. E. B. Thomas, Esq.
8721 Dammer from Pegu. Dr. Cleghorn.
1154 Dammer. Madura. R. D. Parker, Esq.
7035 Googoola. Mangalore. Padre Probo.
3422 Dammer. Travancore.
471 Coondoorookum. Palghaut.
2840 Dammer. Malabar. Mr. Bassano.
2240 Tella Googillum. Nellore H. Young, Esq.
2237 Googillum, Nellore H. Young, Esq.
2912 Cungylium. Malabar. Mr. Bassano.
468 Caroon Coongelyum. Paulghat.
Do. do. Madura.
Vellay Coongelyum. Madura.
472 Do. do. Paulghaut.
2671 Chengilium. 2672 Coongilium and 2673 Dammer. These are obtained from a tree called "Paynee." The sap first obtained is called "Chengilium" the next "Coongilium and when dried it is called "Dammer." Malabar. Tahsildar of Walloowanaud.
2840 Dammer. Malabar, Mr. Bassano.
5985 Dammer. (white best) per Cwt. £ 3-10-0 Madras Chamber of Commerce.
Dammer. Travancore Local Committee.

Kino.—Pterocarpus Mar.

1147 Vengay gum. Bellary. Local Committee.
3313 Ooderie-vainghee resin. Dr. Waring.
6893 Venga resin. Cochin Local Committee.
2674 Kino. Malabar. Tahsildar of Wulloowanaud.
483 Venga resin. Palghaut.
1989 Kino. Bangalore.
2524 Dhak kino. Salem. R. Huffton.
7124 Bengha resin. Mangalore Padre Probo.
2857 Venga resin (recent.) Malabar. Wynaud Talook. Mr. Bassano.
Chorakutty. Cochin.
2674 Kino. Malabar. Tahsildar of Walloowanaud.
2857 & 8 Juice and wood of the Venga tree. Malabar. Mr. Bassano.
5966 Dragon's blood lump, per Cwt. £ 16. Madras Chamber of Commerce.
5967 Dragon's blood reed, per Cwt. £ 12, do.

Calophyllum Inoph.

503 Pinna resin. Chingleput. Dr. Ratton.

Gardenia Gummifera—Dikkamaly Resin.

2241 Cauroo-ingoova. Nellore. H. Young, Esq.
2524 Dikkamaly gum. Salem. Apothecary Huffton.
Dikkamaly. Kurnool.
2524 Dikkamaly. Salem. R. Huffton.
3000 Dikkamaly Resin. Bellary. Loc. Com.

Cumbee Resin—Gardenia Lucida.

517 Cumbee gum. Chingleput. Dr. Ratton.
462 Cumblee gum. Paulghaut.
6987 Cumbee gum. Mangalore. Padre Probo.
Cumbley Resin. Madura.

(The Gardenia resins are chiefly used as an application to sores, the odour they emit preventing the access of flies, Dikkamaly is usually mixed with the twigs of the plant.)

Benjamin.

5979 Siam Benjamin, per Cwt. £ 35. Madras, Chamber of Commerce.
5980 Sumatra Benjamin, per Cwt. £ 25, do. do.

Myrrh.

5981 Myrrh. Price per Cwt. £ 14. Madras, Chamber of Commerce.
3033 Myrrh. Bellary. Local Committee.

Olibanum.

5983 Olibanum, per Cwt. £ 3-10-0. Madras Chamber of Commerce.
3005 Gunda Faroza. Bellary. Local Committee.

Mastic.

470 Roomie Mustakie. Paulghaut. Lutchman Sing. (An imported product.)

Animi.

5984 Animi, per Cwt. £ 15. Madras Chamber of Commerce.

"Poon-yet."

7914 A Resin called Poon-yet (Poi-yin-yet) found in the ground and supposed to be produced by some Hymenopterous insect. It is used by the Burmese for caulking boats, and by Europeans for stopping cracks in pucka roofs, for which it answers admirably. It becomes hot and plastic in hot water and is then mixed with Petroleum to the proper consistency and applied. Rangoon. Hon. Walter Elliot.
7915 The same, which has been worked up in hot water and cleaned with the hand preparatory to adding Petroleum. do. do.
8963 "Pooey Nyet" resin found in hollow trees of different kinds as "Pyen Kadoe" or *Inga Xylocarpa*, "Pymmah" or *Lagerstrœmia sp.* and "Aing" *Dipterocarpus sp.*, &c. Caused by the puncture of an insect. Pegu. Dr. Brandis.
8962 "Aing-dooey" resin of the "Aing-ban" *Dipterocarpus sp.* do. do.

Resin.

6811 Resin, the produce of the Mysore territories, Bangalore. Capt. Wilkieson.

Butea Frondosa—Kino.

504 Nella moorooka. Chingleput. Dr. Ratton.
2244 Moodooga resin. Nellore. H. Young, Esq.
Moodooga resin. Guntoor Local Committee.
Moodooga resin. Kurnool.
506 Kino ? Avathy Resin. Ching. Dr. Ratton.
1442 Pallas gum. Bellary. Koodlaghee Tah.

Muttee-paul.—Ailanthus Mal.

3099 Muddipol. Coimbatore. Kistniah.
6894 Muttee paul. Cochin Local Committee.
7034 Muttay resin. Mangalore. Padre Probo.
463 Mutti-paul. Paulghaut.

Xanthoxylon Triphyllum.

Resin of Xanthoxylon Triphyllum. Cottyam, Rev. Mr. Johnson.

Melan usit.—Theetsee Dammer.

8608 Theetsay dammer. Moulmein. Captain Benson.
8955 Theesee Lacquer, used for the Burmese Boxes. Pegu. Dr. Brandis.

Aloes.

2243 Aloes. Nellore. H. Young, Esq.
5964 Aloes Socatrine, per Cwt. £ 14. Madras Chamber of Commerce.
1524 Aloes. Salem. R. Huffton.

Macarangua Tomentosa.

3312 Vutata Mara gum. Malabar. Madava row.

Asafœtida.

466 Hing. Paulghaut. Luchman Sing.

Googool.

469 Googool. Paulghaut. Luchman Sing.
Googul. Bangalore.
6811 Googooloo. Madura.
7035 Googoola. Mangalore. Padre Probo.

Gamboge.

4199 Gamboge. Mysore. Apoth. Wrightman.
5965 Gamboge. Madras Local Committee.
7021 Gamboge. Mangalore. Padre Probo.

Ficus Indica.

1443 Ficus Indica gum. Bellary. Koodlaghee Tahsildar.

Miscellaneous Resins.

Gum resin, called by the Cinghalese "Doon-Doomale" (Doona Zeylanica) Dr. Cleghorn.
Gum resin from Rangoon, Dr. Cleghorn.
9033 Gum Hog from S. America, Mr. P. A. Hunt.
2097 Silaris. Bellary. Local Committee.
3001 Sundroos, do. do.
2676 Panichy. The fruit is used for tanning leather and the sap for varnishing canes. Malabar. Tahsildar of Waloowanaud.

ELASTICS, GUTTA PERCHAS, CUTTEEMUNDOO, ETC.

Pachountee or Gutta Percha.

6901 Pauchoonthee. Cochin. Local Committee.
6898 Paulee (called in Travancore, Pauchoonthee) gum from the Cochin forests. 23lbs. collected by desire of General Cullen.
7329 Paulee juice fresh. Six bottles. Tinnevelly. J. H. Levinge, Esq., C. S.
7330 to 7334 Botanical specimens and drawings of the Tree, do. do.
3408 to 3411 Pautchoatty. Travancore. Gl. Cullen.
Muddar or Gutta Percha. Bolarum. Dr. Riddle.
2859 Branch and leaves of the Pauchoutee tree. Malabar. Mr. Bassano.
5989 Gutta Percha per lb. 1 shilling. Madras Chamber of Commerce.

(This substance much resembles the true Gutta percha in appearance, it is the produce of an "*Isonandra*" abundant in the Cochin and Travancore forests.)

India Rubber.

2986 Milky juice of the Elephant creeper (ஆனைப்பாலை) a proposed substitute for India rubber. Coimbatore. J. B. Kanagaroyen, Native Surgeon.
5988 India Rubber per lb. 7½d. Madras Chamber of Commerce.
Indian rubber. Cuddapa. William Elliot, Esq.

Cutteemundoo—Euphorbia sp.

8317 Cutteemundoo. Rajamundry. F. N. Hawkins, Esq.
8711 Euphorbia gum. Nellore. H. Crozier, Esq.
906 Kutteemundoo. Vizianagram. H. H. the Raja of Vizianagram.
2364 Cutteemundoo. Guntoor.
Cutteemundoo. Hydrabad. Dr. Riddle.
1317 Cement from the common bush-cactus. F. H. Crozier, Esq.

(Cutteemundoo is used for cementing the iron tang of cutting instruments into the wooden handle. It is more sticky than Gutta percha.)

Milk Hedge—Euphorbia Tirucalli.

2988 Inspissated Juice of the Milk Hedge (Euph. tirucalli) a proposed substitute for Gutta Percha. Coimbatore. S. B. Kanagaroyen, Native Surg.
8711 Juice of Euphorbia ? Nellore. H. Crozier, Esq.
1156 Keilley or Juice of the Milk Hedge. Madura. R. D. Parker, Esq.
9061 Milk Hedge resin. Madras. F. Hankin Esq., Asst. Engineer, Godavery.
3996 Akoo-jamoodoo. Masulipatam Venkata Nursing Row.
Aukoo-chamoodoo. Rajahmundry.
Adeevee-chamoodoo. do.
Inspissated juice of the Milk Hedge. Pondicherry. Soobooroyapillay.
8318 Chamoodoo. Rajamundry. F. N. Hawkins, Esq. The natives of Ganjam prefer it to "cutteemundoo" for fixing the handles of their wood cutting knives, it being they say tougher and more durable. It is without the offensive smell, of the cutmundoo.

(The inspissated juice of the Milk Hedge is a white friable substance too brittle to be of use as a substitute for Gutta percha.)

Moringa Pteiy. Mooringa Gum.

1440 Moringa gum. Bellary. Koodlaghee Tah.
2078 Mooroonga gum. Bellary. Local Com.
488 Moringa gum. Chingleput. Dr. Ratton.
650 Mooroonga gum. Chingleput. Moothun.
1149 Mooroongai gum. Madura. R. D. Parker, Esq.
5326 Mooroonga gum. Chingleput. Armooga Mdly.
2622 Horse radish tree gum. Cuddapah.
7141 Moringa gum. Pondicherry. Local Committee.
Moringa gum. Nellore. H. Young, Esq.
464 Moringa gum. Palghaut.
3310 Mooringa gum. Travancore.

(This substance has many of the qualities of Tragacanth. It is of a bright red colour and flows profusely on wounding the tree.)

GUMS PROPERLY SO CALLED.

Acacia Gum.

5982 Gum Arabic, per Cwt. £ 4. Madras Chamber of Commerce.
1435 Babool gum. *(A Arab.)* Bellary. Koodlaghee Tahsildar.
1437 Drisana gum. *(A speciosa or Serissa)* do.
1449 Acacia gum. do. do.
1450 Acacia Leucophlœa gum. Koodlaghee Tab.
2075 Gum Arabic country. Bellary. Loc. Com.
2076 Karoovelum. *(A Arab.)* Bellary. do.
490 Vayngie gum. Chingleput. Dr. Ratton.
522 Caroongalay. *(A Sundra.)* do. do.
489 Vayngie gum. Chingleput. Dr. Ratton.
494 Karoovailum gum. *(A Arab.)* do. do.
2953 White gum. Coimbatore. E. B. Thomas.
3050 Carovalum gum. *(A Arab.)*
1147 Karoovalem. *(A Arab.)* Madura. R. D. Parker, Esq.
Vell-valum *(A Leucoph.)* Madura.
1153 Vangai gum. Madura. do.
1155 Velvaila gum. *(A Leucoph.)* do. do.
2239 Tooma gum. Nellore. H. Young, Esq.
2240 Tella gum. do. do.
7140 Caroovelam gum. *(A Arab.)* Pondicherry Local Committee. This gum is of an average quality, it is always very dirty, but is employed in medicine and manufacture.
2624 Gum Acacia. Cuddapa. M. Murray Esq.
2365 Tooma gum. *(A Arab.)* Guntoor. V. Jugganaikooloo.
Tummah gum. Rajahmundry. Mr. Purvis.
903 Toomma gum. Vizianagram. H. H. the Raja of Vizianagram.
473 Caroo valum gum. Paulghaut. Luchman Sing.
3308 Vailam gum. Dr. Waring.
Gum Acaciæ. Bolarum. Dr. Riddle.
480 Caroo-vagai gum. *(A Leucoph.)* Rajahmundry.
Tummah Gum. Rajahmundry. Gopaulachary.
5077 Gum used in making chintz. Tanjore. F. G. Beauchamp, Esq.
9038 Gum. Madras. Vencataramiah garoo.
2093 Vel vaila gum. Bellary Local Committee.

(This is usually a dark colored but clear gum and is very abundant.)

Ægle Marmelos—Bel.

518 Vilva gum. Chingleput. Dr. Ratton.
Billa gum. Rajahmundry.

Ailanthus Excelsa.

520 Pareeya Gum. Chingleput. Dr. Ratton.

Anac. Occid.—Cashew gum.

510 Mooudrie gum. Chingleput. Dr. Ratton. A fine gum.
2670 Cashew gum. Malabar. Tahsildar of Walloowanaud.
5323 Moondri gum. Chingleput. Armooga Mdly.

Artocarpus Integrifolia.

1446 Jack tree gum. Bellary Koodlaghee Tahsildar, abundant in the district.
486 Jack wood gum. Paulghaut.

Azidirachta Indica—Margosa gum.

Margosa gum. Bangalore.
Margosa gum. Paulghaut.
Margosa gum. Rajahmundry. Mr. Purvis.
5324 Margosa gum. Chingleput. Armooga Mdly.
Vapa gum. Rajahmundry. Gopaulacharry.
2238 Vapa gum. Nellore. H. Young, Esq.
7139 Margosa gum. Pondicherry Local Committee. Used in medicine.
1451 Margosa gum. Bellary Koodlaghee Tah.
487 Margosa gum. Chingleput. Surgeon J. Ratton. Plentiful.
648 Margosa gum. Chingleput. Moothun.
3048 Margosa gum. Coimbatore. Kistniah.
1148 Margosa gum. Madura. R. D. Parker Esq.
3994 Vapa gum. Masulipatam.
2520 Margosa gum. Salem. Local Committee.
909 Vaypum gum. Vizianagram. H. H. the Raja of Vizianagram.
3309 Vaypum gum. Travancore.

(A good gum, somewhat dark coloured but abuudant.)

Bauhinia diphylla.

2080 Autty gum. Bellary. Local Committee.

Bombax Malab.—Silk Cotton Tree.

1441 Booraga gum. Bellary. Koodlaghee Tah.
524 Sem-parootie. Chingleput. Dr. Ratton.
499 Cotton tree gum. do. do.
2242 Boraga gum. Nellore. H. Young Esq.
907 Boorooga gum. Viziauagram. H. H. the Raja of Vizianagram.
Boraga gum. Rajahmundry.
Boraga gum. Kurnool.

(This is useless for all economical purposes, it appears however to be generally used in medicine. It is produced in irregular pieces of a dusky brown or black colour, having little of the appearance of a gum.)

Buchanania Latifol.—Wild Mango Tree Gum.

1454 Wild mango gum. Bellary Kodlaghee Tah.
497 Catoo Mangoy gum. Chingleput Dr. Ratton.

Butea Frondosa.

516 Kattoo-poorsum gum. Chingleput. Dr. Ratton.
504 Nulla-moorooko gum. do. do.
911 Moodooga gum. Vizianagram. H. H. the Raja of Vizianagram.

(This is the natural exudation of the tree and is distinct from the resin (Kino) produced by the puncture of a species of Coccus.)

Cassia Auriculata.

508 Avary gum. Chingleput. Dr. Ratton. Collected from the roots and considered very cooling.
2087 Auvary gum. Bellary. Local Committee.

Citrus Species.

654 Lime tree gum. Chingleput. Moothun.
505 Orange tree gum. Chingleput. Dr. Ratton.
491 Pumplemose gum. Chingleput. Dr. Ratton.

Cochlospermum Gossypium.

519 Padeeree gum. Chingleput. Dr. Ratton.
2236 Cuthara gum. Nellore. H. Young, Esq. (A gum like tragacauth.)

Cocos Nucifera.

3311 Theenum gum. Travaucore.

Conocarpus Latifolia.

482 Vella-nawul. Palghaut.

Dalbergia Paniculata.

515 Catoo-puchalum gum. Chingleput. Dr. Rattou.

Erythrina Indica.—Moorookoo.

651 Moorooko Gum. Chingleput. Moothun.
2072 Moorookum gum. Bellary. Local Com.

Feronia Eleph.—Wood Apple Gum.

1439 Wood-apple gum. Bellary. Koodlaghee, Tahsildar.
1438 Wood-apple gum, Bellary. Price Rs. 1-8 per Maund. Abundant.
1500 Vullum gum. Chingleput. Dr. Ratton.
White Gum. Chingleput.
649 Wood-apple gum. Chingleput. Moothun.
501 Kooty vallun gum. Chingleput. Dr. Ratton.
653 Valum marum gum. Chingleput. Moothun.
657 Wood-apple gum. Chingleput. Ragava Naic.
5325 Wood-apple gum. Chingleput. ArmoogaMdly.
3049 Valam gum. Coimbatore. Kistniah.
5735 Valaga gum. Prize product from Nellore Local Exhibition. Revenue Board.
5736 Vaylum gum. Nellore. Revenue Board.
1151 & 2 Vailam gum. Madura. R. D. Parker, Esq.
3992 Wood-apple gum. Masulipatam. Veneata Nursing Row.
2616 Gum Arabic. *(Feronia ?)* Cuddapa.
7138 Velam gum. Pondicherry Local Committee.
905 Velagah gum. Vizianagram. H. H. the Rajah of Vizianagram.

Valaga tree gum. Rajahmundry. Mr. Purvis.
Valaga tree gum. do. Gopaulachary.
5325 Wood apple gum. Chingleput. ArmoogaMdly.
465 Wood apple gum. Palghaut.
Wood apple gum. Bangalore.
2953 Gum variety. Coimbatore.
9038 Gum. Madras. Vecataramiah garoo.
Gum. Hydrabad.
(The best of all Indian gums, it is produced in tears of a clear white or straw colour and brittle consistence.)

Garuga Pinnata.

Anakera. Paulgaut. Luchman sing.

Mango gum.

2621 Mango gum. Cuddapa. M. Murray, Esq.
656 Mango gum. Chingleput. Ragava Naick.
Mango gum. Rajahmundry.
496 Mango gum. Chingleput. Dr. Ratton.
1150 Mango gum. Madura. R. D. Parker, Esq.
2245 Mamedi gum. Nellore. H. Young, Esq.
908 Mango gum. Vizianagram. H. H. the Raja of Vizianagram.
2095 Mango gum. Bellary. Local Committee.

Odina Wodier.

652 Othea tree. Chingleput. Moothun.
492 Odina gum. Chingleput. Dr. Ratton.

Prosopis Spicigera.

521 Vunnee. Chingleput. Dr. Ratton.

Sapindus emarginatus.

2092 Soap-nut tree gum. Bellary. Local Com.
3007 Wild soap-nut tree gum, do. do.

Semicarpus Anacardium.

514 Sarancotay gum. Chingleput. Dr. Ratton.
1444 Charancotta gum. Bellary. Kodlaghee Tah.
2082 Ink-nut gum. Bellary. Local Committee.

Terminalia sp.

527 Thanee gum. (T. Bellerica) Chingleput. Dr. Ratton.
528 Maradee gum. (T. Alata) Chingleput. Dr. Ratton.
Badum gum. (T. Catappa ?) Nellore.
Marady gum. Rajahmundry.
Maradee gum. Bangalore.

Vachelia Farnesiana.

495 Peevalum. Chingleput. Dr. Ratton. Said to be plentiful in some parts of the district.

Zizyphus jujuba.

509 Elandie gum. Chingleput. Dr. Ratton.

Miscellaneous.

5073 Specimens of Varnishing. Ghoolam Mahomed. Madras.
Varnish. Madras. Commissary General.
7703 Transparent varnish for photographs. Madras. Dr. G. W. Flynn.
7704 Jet varnish, do. do.
7791 Asphalt. Prepared by Thos. Harrison. Cambridge Heath Warf. London.

Unclassified Specimens.

1449 Andooga-chettoo gum. Bellary. Koodlaghee Tahsildar.
1452 Chendra-chettoo gum. Bellary. do.
1453 Jana-Chettoo gum. Bellary. do.
1455 Some-chettoo gum. Bellary. do.
Cheeroojee gum. Bellary.
513 Thombeeree gum. Chingleput. Dr. Ratton.
511 Callinore gum. do. do.
502 Vandy narainy gum. Chingleput. Dr. Ratton. Procurable in small quantity. Bark purgative.
507 Covalay gum. Chingleput. Dr. Ratton. A good gum.
5327 Malavelungum. Chingleput. Armooga Mdly.
523 Thillay gum. Chingleput. Dr. Ratton.
498 Mare mangoy (Buch. latif.) ? Chingleput. Dr. Ratton. A very clear gum.
525 Cudulpungun. Chingleput. Dr. Ratton.
529 Chellumba gum. Chingleput. Dr. Ratton.
526 Paroolloo gum. Chingleput. Dr. Ratton.
6891 Planjee gum. Cochin. Local Committee.
6896 Yellavom gum. *(Eriod. Anf. ?)* do.
6892 Karimarathom gum, do do.
6897 Chorakutty gum. Cochin. Local Committee. A bright scarlet colored substance.
6898 & 6099 Paula. Cochin. Local Committee. probably the juice of a *Ficus*.
6900 Ponga. Cochin. Local Committee. A red gum.
Gum of the Moolaga, Karoo Moolaga, Dasa Moolaga (Moringa ?) Koramanoo *(resin ?)*, Serimonoo, Mady, Morla, Goomilah, Gumpana Ravy, Peddah madee, Morla, Tellah, Podia, Badda, Somy, Gooraga, Hill gogu, Peddah Burrunky, Vagisa and Veltooroo trees from Rajahmundry.
3987 to 3993 Gunnaroo pala, Thadla pala, Barunke pala, Munchee pala, and Manchamadee pala *(Apparently species of Euphorbium.)* Masulipatam. Venkata Nursing Row.
3986 Moogelay, 3991 Oopepala and 3985 Soomee jegota, from Masulipatam.
2623 Yalama gum. Cuddapa. M. Murray, Esq.
Rauvee gum. Vizianagram.
2921 Theeroosalah gum.
484 Arasan gum. *(Ficus ?* Paulghaut.
475 Vendaya gum. do.
457 Toombeecoy gum. Paulghaut.
Nalee-madde gum. Bangalore.
Dindaga gum. do.
Moorgoo gum. Madura.
Jalee or thorn tree gum. Bangalore.
7914 ?
2081 Sirroo-naroovooly. Bellary. Local Committee.
2082 Toogany gum. (white arabic.) do.
2083 Soamey gum. 2084 Poovarasum. 2085 Vada Naroyen. 2086 Caât Vagai. 2088 Vunny gum. 2090 Kathcelah gum. 2091 Koondry. do.
9324 Gum of the "Mowee" *(not Mahowe)* tree. Hyderabad. Capt. Davies.
1157 Vilchry gum. Madura. R. D. Parker, Esq.
2906 Juice of the Kachumpooly or Panompooly. Malabar. Mr. Bassano.

SECTION II.

OILS AND OIL-SEEDS.

VEGETABLE FIXED OILS.

1. Cocoanut.

(Cocos Nucifera.)

1462 Cocoanuts. Bellary. Local Committee. Cocoanuts are cultivated to a limited extent in this district, but the oil is only manufactured in the Raidroog talook.
1507 Cocoanut oil. Bellary. Local Committee.
2053 Cocoanut oil. Bellary. Commissariat.
5313 Cocoanut oil. Chingleput. Armooga Modelly.
3039 Cocoanut oil. Coimbatore. Kistniah.
5711 Cocoanut oil. Prize product from Nellore provincial Exhibition. Revenue Board.
7532 Cocoanut oil. Madras. C. Ramasawmy Chetty.
8607 Cocoanut oil. Moulmein. Capt. Benson.
4561 Cocoanut oil. Tanjore. Hurry Row.
4562 Do. do. do.
5099 Cocoanut oil. Tanjore. Mr. Kohlhoff.
4037 Cocoanut oil. From Ellore, Masulipatam. Paupanah.
8383 Cocoanut oil. Hyderabad.
2248 Cocoanut oil. Guntoor.
5082 Cocoanut oil. Tanjore. Mr. Prudhomme.
7009 Cocoanut oil. Mangalore. Padre Probo.
Cocoanut oil. Kurnool.
7142 Cocoanut oil. Pondicherry. Mr. Erny.
7142 Cocoanut oil. do. Mr. Godfroy.
2248 Cocoanut oil. Nellore. H. Young Esq.
2829 Cocoanuts from the Divee (Maldive) Islands Malabar, Mr. Bassano. (The Cocoanut is the staple product of Malabar, the tree is cultivated in every garden in the coast Talooks. The tax on Cocoanut plantations yields to Government upwards of Rupees 3,13,800, per annum the quantity of Cocoanuts exported during the last 5 years is as follows—

In 1261	No. 393,46,795	Value Rs. 5,13,292
1262	382,14,650	5,12,733
1263	257,44,800	2,36,677
1264	308,79,560	4,05,581
1265	251,41,372	3,29,072

Besides this, the exports of the "Coprah" or dried kernel during the last Fusly amounted to the value of Rupees 4,46,600, and of cocoanut oil from the Ports of Malabar to Rupees 4,19,120 making a total yearly trade in this one product of Rupees 11,94,792.)
4036 Cocoanut oil. Masulipatam. Thaletalah.
395 Cocoanut oil. Paulghaut. Armooga koonar.
Cocoanut oil. S. Berar.
8379 Cocoanut oil. Hyderabad. Rungasawmy.
Cocoanut oil. Hyderabad. Mr. Bejeat.
9042 Cocoanuts. Madras. Vencataramiah Garoo.

2 & 3 Gingeley and Rape.

(Sesamum orientale.)

1467 Gingeley seed white. Bellary.
1468 Gingeley seed black. Bellary. Local Committee. Extensively cultivated in the district.
1503 Gingeley oil. Bellary. Local Committee.
2055 Gingeley oil. Bellary. Commissariat.
659 Gingeley oil Chingleput. Pucheappa Modaley.
5315 Gingeley oil. Chingleput. Armooga Mdly.
3038 Sesamum orient. Coimbatore. Kistniah.
7532 Gingeley oil. Madras. C. Ramasamy Chetty.
7534 Gingeley seed. Madras. C. Ramasamy Chetty.
8441 Gingeley or Teel seed. Madras. John Tawse, Esq.
1139 Gingeley oil. Madura. R. D. Parker, Esq.
7010 Gingeley oil. Mangalore. Padré Probo.
4038 Gingeley oil. Masulipatam. Paupana.
4554 & 5 Gingeley oil. Tanjore. Hurry Row.
Gingeley oil. Kurnool. 2 Rs. per maund.
2258 Gingeley oil. Guntoor.
5083 Gingeley oil. Tanjore. Mr. Prudhomme.
5100 Gingeley oil. Tanjore. Mr. Kohlhoff.
Gingeley oil. Hyderabad.
3946 White Gingeley seed. Masulipatam. Local Committee.
3951 Black Gingeley seed. Masulipatam. do.
4037 Gingeley oil. Masulipatam. Thalethala.
2258 Gingeley oil. Nellore. H. Young, Esq.
395 Gingeley oil. Paulghaut. Armooga Konar.
8930 Gingeley oil, (black variety) "Nhannay" Pegu. Dr. Brandis.
8930 Gingeley oil. (white var.) "Nhanj-por." do. do.
9040 Gingeley oil. Madras. Venkata Ramiah garoo. Zemindar of Thatavally.
Tillie oil. S. Berar.
8374 Gingeley oil. Hyderabad. Rungaswamy.
2681 Gingeley seed. Cuddapa. M. Murray, Esq.
2629 Gingeley seed sown in garden lands. Cuddapa. (very fine.)
Rape seed. Cuddapa. Ramen.
1068 Gingeley seed of sorts. Vizianagaram H. H. the Raja of Vizianagram.
7111 & 2 Sesamum orientale (nigra) Pondicherry. Local Committee.
8339 Till (white) Hyderabad. Capt. Meadows.
8441 Gingeley or Teel seed. Ramaswamy Chetty.
Gingeley seeds. (mixed white, brown and black) Masulipatam. Local Committee.
631 Gingeley seed. Chingleput. Coomara sawmy.
Gingeley seed. Kurnool.
4253 Gingeley seed. Bangalore. Kistnasawmy.
2202 Gingeley seed. Nellore.

4. Lamp Oil.

(Ricinus com. fr. maj.)

1459 Lamp oil seed, 1st and 2nd sort. (Ricinus com. fruct. max et major.) Bellary. Local Committee. Cultivated extensively.
1505 Lamp oil. Bellary. Local Committee.
658 Lamp oil. Chingleput. Puchappa Modely.
3043 Lamp oil. Coimbatore. Kistniah.
3090 Lamp oil seed. (Fr. max.) Coimb. Kistniah.
8340 Castor oil seed. Hydrabad. Capt. Meadows.
7532 Lamp oil. Madras. Ramasawmy Chetty.
7534 Lamp oil seed. do. do.
1133 Lamp oil. Madura. R. D. Parker, Esq.
Lamp oil. Kurnool, per maund, 1-3-0.
3952 Aumoodaloo seed. Masulipatam. Loc. Com.
391 Castor oil ordinary. Paulghaut. Armooga Koonar.
4490 Lamp oil seeds, (fr. max.) Tanjore. Hurry row.
Castor oil seeds, (fr. max). Madras. L. C.

632 Lamp oil seed. Chingleput. Coomarasawmy.
4253 Lamp oil (fr. max. and major.) Bangalore.
123 Lamp oil seeds, (fr. maj.) Tinnevelly.
2665 Lamp oil seeds, (field cultivated.) Cuddapa.
1074 Lamp oil seeds. Vizianagram.
7114 Lamp oil seeds. Pondicherry.

5. Castor.

(Ricinus com. fr. min.)

1458 Castor seed. Bellary. Local Committee.
1508 Castor oil. Bellary. do.
2057 Castor oil, price 3 Rs. per maund. Bellary. Commissariat.
3137 Castor oil seed. Coimbatore. Kistniah.
5709 Castor oil. Prize product from Nellore. local Exhibition. Revenue Board.
7532 Castor oil. C. Ramasawmy chetty.
7534 Castor oil seed do. do.
1135 Chit-amunak oil. Madura. R. D. Parker, Esq.
2688 Castor oil. Malabar. Cottyam Tahsildar.
5104 Castor oil. Tanjore. Mr. Kohlhoff.
2414 & 5 Castor oil. Salem. Addakalum chetty. price per bottle 12 annasm.
5084 Castor oil. Tanjore. Mr. Prudhomne.
7011 Castor oil. Mangalore. Padre Probo.
4568 Castor oil. Tanjore. Hurry row.
2262 Castor oil. Nellore. H. Young, Esq.
7144 Castor oil. Pondicherry. Mr. Godefroy.
3953 Chitt-aumoodaloo seed. Masulipatam. L. C.
414 Castor oil. (Hospital.) Paulghaut. Armooga Konar.
Castor oil, S. Berar.
Castor oil, Hydrabad. Rungasawmy Mdly.
8340 Castor oil seed. Hyderabad. Capt Meadows.
Castor oil and seeds. Hydrabad. Dr. Smith.
Castor oil seed. Madras. Local Committee.
2218 Castor oil seed. Nellore.
5975 Castor oil berries. per cwt. £0-10-0 Chamber of Commerce. Madras.
2843 Castor seed. Malabar. Mr. Bassano.
4253 Castor seed. Bangalore.
7018 Castor seed. Mangalore. Padre Probo.
Castor seed, Pegu. Dr. Brandis.
4493 Castor seed. Tanjore. Hurry row.
7115 Castor seed. Pondicherry. Local Com.
1075 Castor seed. Vizianagrum. H. H. the Rajah.

6. Ground Nut.

(Arachis Hypogœa.)

1464 Ground nut. Bellary. Local Committee. Grown in the Hindoopoorum talook.
5312 Ground nut oil. Chingleput. Armooga Mdly.
7532 Ground nut oil. Madras. Ramasawmy Chetty.
7534 Ground nuts, do. do.
Ground nut oil. Pondicherry. Soobroya Pillay, head dubash of Messrs. Gravier and Co.
5087 Ground nut oil. Tanjore. Mr. Prudhomme.
4563 Ground nut oil. Tanjore. Hurry Row.
5101 Ground nut oil. Tanjore. Mr. Kohlhoff.
2259 Ground nut oil. Nellore. H. Young Esq.
8378 Ground nut oil. Hyderabad.
8938 "Myai bay" (Arachis hypogæa) Pegu. Dr. Brandis.
Vayr cuddalay. Local Committee. Madras.
8369 Ground nut. Hyderabad.
7113 Manilla cotay. Pondicherry. Local Committee.

7. Linseed.

(Linum usitatissimum.)

1472 Linseed. Bellary. Local Committee. Is extensively cultivated in this District.
1506 Linseed oil. Bellary. Local Committee.
2059 to 2062 Linseed oil. Bellary. Commissariat.
640 Ally seeds. Chingleput. Moothun.
8344 Linseed. Hyderabad. Capt. Meadows.
7532 Linseed oil. C. Ramaswamy Chetty.
7534 Linseed do.
2345 Linseed. Guntoor. Per bottle, Annas 2¼.
4552 Linseed oil. Tanjore. Hurry Row.
2307 Country Linseed oil. Nellore. H. Young, Esq.
Linseed oil. S. Berar.
Linseed oil. Hyderabad. Rungasawmy Mdly.
2672 Yella-geesaloo. Cuddapa.
4253 Agase. Bangalore. Kristnasawmy.
Linseed. Madura. Local Committee.
Linseed. Kurnool.
8344 Linseed. Hydrabad. Capt. Meadows.
Teesanoovooloo and Yaleesaloo. Vizianagrum. H. H. the Raja.
4471 Linseed. Tanjore. Hurry row.

8. Ramtill.

(Guizotia Oleifera.)

1470 Ramtill seed. Bellary. Local Committee. Much cultivated in the Koodlaghee talook.
8439 Niger seed. Madras. John Tawse, Esq.
2524 Ramtill seed. Salem. R. Huffton.
8375 Ramtill oil. Hydrabad. Rungasawmy Mdly.
1073 Nulla-valesa. Vizianagrum. H. H. the Raja.
4253 Hoots-elloo. Bangalore. Kristnasawmy.
8352 Karel seed. Hydradad. Capt. Meadows.
Karrel oil. do.

9. Mustard.

(Sinapis species.)

1469 Mustard seed. (*S. Nigra.*) Bellary. Local Committee. Is cultivated in all the Talooks.
3044 Sinapis nigra. Coimbatore. Kistniah. As. 4.
7534 Mustard seed. Madras. C. Ramasawmy Chetty.
8440 Mustard or Rape seed. Madras. John Tawse, Esq.
2412 Mustard oil. Salem. Hafiz Mahommed.
2249 White auvisee oil. Nellore. H. Young Esq.
2251 Mustard oil. do. do.
402 Mustard oil. Paulghaut. Armooga koonar.
Mustard oil, S. Berar.
Mustard oil. Hyderabad. Rungasamy Mdly.
1077 Tella avoloo (S. Alba.) Vizianagram. H. H. the Raja of Vizianagrum.
1076 Auvaloo. (S. Nigra.) do.
5110 Mustard oil. Tanjore. Mr. Kohlhoff.
4506 Mustard seed. Tanjore. Hurry Row.
4559 Mustard oil. do. do.
1578 White Mustard seed. Bellary.
Tella avaloo. (S. Alba.)
2251 Mustard oil. (S. Nigra.) Nellore.
Mustard seed. Madura.
4253 Mustard seed. Bangalore. Kristnasawmy.
8365 Mustard seed. Hyderabad. Capt. Meadows.
3102 Mustard seed. Coimbatore. Kistniah.
2693 Mustard seed. Cuddapah. M. Murray Esq.

10. Poppy.

(*Papaver Somniferum.*)

1465 Poppy seed. Bellary. Local Committee. Cultivated to a limited extent in the Hindoopoorum, Madugseerah and Koodlaghee Talooks.
3104 Poppy seed. Coimbatore. Kistniah.
8330 Poppy seed. Hyderabad. Capt. Meadows.
8330 Poppy oil. Hyderabad.
4560 Poppy oil. Tanjore. Hurry Row.
2264 Poppy oil. Nellore. H. Young Esq.
416 Kas-kas oil. Paulghaut. Armooga Koonar.
2524 Poppy seed. Salem. R. Huffton.
Poppy oil. S. Berar.
8380 Poppy oil. Hyderabad. Rungasawmy Mdly.
1027 Gus-gasa. Vizianagrum. H. H. the Raja of Vizianagrum.
4498 Poppy seed. Tanjore. Hurry Row.
Poppy seed. Madras. Local Committee.
Poppy seed. Madura.
7109 Casa-casa. Pondicherry. Local Committee.

11. Margosa.

(*Azadirachta Indica and Melia Azadirach.*)

1466 Neem or Margosa seed. Bellary. Local Committee. Abundant.
1501 Margosa oil. Bellary. Local Committee. Price 2 Rupees per maund.
2069 Margosa oil. Bellary. Commissariat.
641 Margosa seed. Chingleput. Cundapa Naiek.
660 Margosa oil. Chingleput. Cundapa Naiek.
5316 Margosa oil. Chingleput. Armooga Mdly.
3041 Margosa oil. Coimbatore. Kistniah.
5710 Vapa oil. Prize product from Nellore local Exhibition. Revenue Board.
7532 Margosa oil. Ma dras. C. Ramasawmy Chetty.
1134 Margosa oil. Madura. R. D. Parker, Esq.
Yappa Noonay. Kurnool. 4 Rupees per md.
2250 Oil neem. Nellore. H. Young Esq.
5105 Margosa oil. Tanjore. Mr. Kohlhoff.
4567 Neem oil. Tanjore. Hurry Row.
5088 Margosa oil. Tanjore. Mr. Prudhomme.
3417 Margosa oil. Travancore. Local Committee.
409 Margosa oil. Paulghaut. Armooga koonar.
Neem oil. Hyderabad. Rungasawmy Mdly.
4253 Margosa seed. Bangalore.
4508 Margosa seed. Tanjore. Hurry Row.
Neem seed. Madras. Local Committee.
7878 Beppoo oil. Madras. Mr. Underwood.

12. Illoopoo.

(*Bassia longifolia.*)

1457 Illoopoo seed. Bellary. Local Committee. Abundant in the Bellary district.
1502 Ippe oil. Bellary. Local Committee.
2065 Illoopoo. Bellary. Commissariat.
5314 Eloopoo oil. Chingleput. Armooga Mdly.
661 Eloopoo oil. Chingleput. Pucheappa Mdly.
Illoopoo oil. Chingleput.
3040 Illoopoo oil. Coimbatore. Kistniah.
7877 Illoopoo oil for salad. Madras. W. E. Underwood Esq.
1136 Illoopoo oil. Madura. R. D. Parker, Esq.
Mahowah or Yippah oil. Kurnool. 2 Rs. per Maund.
5102 Illoopoo oil. Tanjore. Mr. Kohlhoff.
4565 Illoopoo oil. Tanjore. Hurry Row.
5085 Illoopoo oil. Tanjore. Mr. Prudhomme.
Illoopoo oil. Pondicherry. Soobroya Pillay.
2253 Illoopoo oil. Nellore. H. Young Esq.
3421 Illoopoo oil. Travancore. Local Committee.
9041 Yelloopay oil. Madras. Venkataramiah Garoo. Zemindar of Thatapilly.
Mahowa oil. S. Berar.
7878 Naniel oil. Madras. Mr. Underwood.
6968 Naniel oil. Mangalore. Padre Probo.
7878 Illoopoo oil. Madras. Mr. Underwood. Fit for greasing machines and Railway Carriages.
4253 Hippay seed. Bomgalore.

13. Pinnacottay.

(*Calophyllum inophyllum.*)

1463 Poon seed. Bellary. Local Committee. abundant in the Kodlaghee talook.
645 Pinnacottay seed. Chingleput. Vadachelly Moodelly.
5310 Pinnay oil. Chingleput. Armooga Mdly.
5319 Pinnacottay seed, do. do.
1140 Pinnaycottay oil. Madura. R. D. Parker, Esq.
5103 Pinnay oil. Tanjore. Mr. Kohlhoff.
6867 Hollay Honeh oil. Sumpagay. Padre Probo.
5086 Pinnai oil. Tajore. Mr. Prudhomme.
4558 Poon seed oil. Tanjore. Hurry row.
2693 Poona oil. Malabar. Chowghat Tahsildar.
398 Indian Laurel seed oil. Paulghaut. Armooga Koonar.
7878 Honeh oil. Madras. Mr. Underwood.
7878 Pinnay oil, do. do.

14. Kurrunj.

(*Dalbergia arborea or Pongamia Glabra.*)

1474 Poonga seed. Bellary. Loc. Com. Abundant
2067 Poongun oil. Bellary. Commissariat.
5311 Poongun oil. Chingleput. Armooga Mdly.
5318 Poonguncottay. Chingleput. do.
1138 Karoonthennai. Madura. R. D. Parker, Esq.
2256 Poonga oil. Nellore. H. Young, Esq.
3416 Poongoo oil. Travancore. Local Com.
4566 Kurrunj oil. Tanjore. Hurry row.
406 Poonga oil. Paulghaut. Armooga Koonar.
Kurrunj oil. S. Berar.
Poonga oil. Hydrabad. Rungasawmy Mdly.
Dalbergia arborea oil. Hydrabad. Dr. Smith.
7878 Poonga oil. Madras. Mr. Underwood.

15. Coorookoo.

(*Argemone mexicana.*)

1497 Jamaica yellow thistle. Bellary. Loc. Com.
639 Brumadundoo seed. Chingleput. Rajunnun.
662 Dittora oil. Chingleput. Rajunnun.
2265 Prickly Poppy oil. Nellore. H. Young, Esq.
5322 Bramadundi seed. Chingleput. ArmoogaMdly.
1142 Coorookoo oil. Madura. R. D. Parker, Esq.
5108 Jamaica oil. Tanjore. Mr. Kohlhoff.
4557 Prickly poppy oil. Tanjore, Hurry row.
437 Brimathandy. Paulghaut. Armooga Koonar.
2524 Prickly poppy seed. Salem. R. Huffton.
1571 Thistle seeds. Bellary.
Coorookoo seed. Madura.
640 Alley seed. Chingleput. Moothun.
Brumadundoo seeds. Tahsildar of Raidroog. Bellary.
4497 Pickly poppy seed. Tanjore. Hurry row.

16. Physic Nut.

(*Curcas purgans.*)

1461 Wild Lamp oil. Bellary. Local Committee. Oil extracted by the inhabitants of the Koodlaghee Talook.
3046 Physic nut oil. Coimbatore. Kistniah.
1141 Caat amunakoo. Madura. R. D. Parker Esq.
7019 Wild Castor oil. Mangalore. Padre Probo.
5109 Physic nut oil. Tanjore. Mr. Kohlhoff.
4553 Purging nut oil. Tanjore. Hurry Row.
403 Jungle Castor oil. Paulghaut. Armooga Koonar.
3413 Cadalamunakoo oil. Travancore. Sawmy-nada Modaley.
4253 Caat amunak. Bangalore.
2966 Caatoo cottay. Coimbatore.
4507 Purging nut. Hurry Row. Tanjore.

17. Piney Tallow.

(*Vateria Indica.*)

7012 Vegetable Tallow. Oodipy. Padre Probo.

18. Gamboge Butter.

(*Garcinia Pictoria.*)

7013 Gamboge oil from Soolea. Padre Probo. Mangalore.
4200 Gamboge Butter. Theertuly Talook. Mysore. Apothecary Wrightman.

19. Safflower.

(*Carthamus tinctorius.*)

1471 Koosum. Bellary. Local Committee. Price 60 seers per Rupee. Is cultivated in the Adonie Gollem-punchapollem and Gooti Talooks.
1504 Coosum oil. Bellary. Local Committee. price 2 Rs. per maund.
2062 Coosum oil. Bellary. Commissariat.
Koosum oil. Kurnool. price 1-11 per Md.
Koosum or Kurda oil. Hyderabad.
4550 Koosum oil. Tanjore. Hurry Row.
8377 Koosum oil. Hyderabad. Rungasamy Mdly.
2684 Coosumboo seed. Cuddapa.
Carthamus tinctorius. Kurnool.
4253 Coosum seeds. Bangalore. Kistnasamy.
8334 Coosum or Kurda seed. Hyderabad.

20. Belgaum Walnut.

(*Aleurites triloba.*)

2697 Akhiroot oil. Cuddapa. M. Murray, Esq.
2695 Akhroot nuts. do. do.
Country Walnut oil. Hydrabad.

21. Poovana.

3420 Poovengah oil. Travancore. Local Com.

22. Neeradimootoo.

4576 Neeradymootoo oil. Tanjore. Hurry row.
6979 Neervathy mootoo oil. Sumpagay. Padre Probo.
7016 Soorteh oil, do. do.
3419 Maravetty oil. Travancore. Loc. Com.
2691 Neeratee oil. Malabar. Chowghat Tah.
408 Maravettie oil. Paulghaut. Armooga Koonar
387 Neerattie oil, do. do.
2204 Neeradi seed. Nellore.
7878 Soorty oil. Madras. Mr. Underwood.

23. Physic Nut

(*Jatropha Glauca.*)

412 Yelliamunakoo oil. Paulghaut. Armooga Koonar.

24. Country cress.

(*Lepidium Sativum.*)

Lepidium sativum. Pegu. Dr. Brandis.

25. Cheeroujie.

(*Chirongia sapida or Buchanania latifolia.*)

1498 Sarapappoo or wild mango seed. Bellary Local Committee. Found in a limited quantity.
4571 Saraypuppoo oil. Tanjore. Hurry row.
Saraparapo nut. Madras. Local Com.

26 to 28 Cucumber, Melon and Pumpkin oils.

(*Cucurbita species.*)

1477 Cucumber seed. }
1478 Melon „ } Bellary. Local Com.
1479 Pumpkin „ }
1494 Water melon „ }
Cultivated in abundance in this District but oil is not extracted, nor are the seeds sold in the bazar.
2252 Cucumber oil. Nellore. H. Young, Esq.
4564 Pumpkin seed oil. Tanjore. Hurry row.
4573 Melon seed oil, do. do.
4569 Cucumber seed oil, do. do.
2346 Cucumber seed oil. Guntoor. Loc. Com.
Cucumber seed. Madura.
Water melon seed. Kurnool.
8367 Cucumber seed. Hydrabad.
7534 Cucumber seed. Madras. C. Ramasawmy Chitty.

Momordica Charantia.

4586 Pavay kai oil. Tanjore. Hurry Row.
3685 Karaylie oil. Bellary.

31. Putrunjie.

(*Putranjiva Roxburghii.*)

4253 Putrajeery mani seed. Bangalore.
405 Wild olive oil. Paulghaut. Armooga Koonar.

34. Mooroogana.

6993 Mooroogana oil. Padre Probo.

35. Naga-sumpaghee.

(*Mesua ferrea.*)

7014 & 7017 Naga-sumpaghee oil. Mangalore. Padre Probo.

36. Soapnut.

(*Sapindus emarginatus.*)

7532 Soapnut oil. Madras. Ramasawmy Chetty.
3042 Poongun oil. Coimbatore. Kistniah.
4577 Soapnut oil. Tanjore. Hurry Row.

37. Cashew-nut.

(*Anacardium occidentale.*)

5320 Moondrie cottay. Chingleput. Armooga Mdly.
4551 Caju nut oil. Tanjore. Hurry Row.
2254 Caju oil. Nellore. H. Young Esq.
5106 Caju oil. Tanjore. Mr. Kohlhoff.
2687 Cashew oil. Malabar. Chowgbat Tahsildar.
392 Cashew oil. Paulghaut. Armooga koonar.
7110 Cashew nut. Pondicherry. Local Committee.

39. Ben Nut.

(*Moringa pterygosperma.*)

1496 Mooroonga seed. Bellary. Local Committee. Extensively cultivated.
Country horse-radish seed. Bellary.

40. Cotton Seed.

(*Gossypium species.*)

1495 Cotton seed. Bellary. Local Committee. (not suited for the expression of oil.)
4579 White Cotton seed oil. Tanjore. Hurry Row.
Sea Island Cotton seed. Hyderabad.

42. Sweet Fennel.

(*Nigella sativa. See also Class III.*)

1483 Sweet Fennel. Bellary. Local Committee. Cultivated in the Raidroog and Hindoopoorum Talooks.
4505 Sweet Fennel oil. Tanjore. Hurry Row.
8935 "Samoung-nai" (Nigella sativa,) eaten with sweatmeats by the Burmese. Pegu. Dr. Brandis.
1727 Nigella sativa. Pondicherry. Local Committee.

44. Malkungunee.

(*Celastrus paniculata.*)

2257 Malkungunee oil. Nellore. H. Young Esq.
Malkungunee oil. S. Berar.
Malkungunec oil. Dr. Smith. Hyderabad.
Oleum nigrum. do.
Malkungunee oil. Hyderabad. Rungaswamy Modely

45. Hemp Seed.

(*Cannabis sativa.*)

Hemp seed oil. S. Berar.
Hemp seed oil. Hyderabad.
Ganja seed. Madura.
Ganja seed. Kurnool.

47. Viscid Cleome.

(*Cleome viscosa.*)

4496 Naya-cadaghoo. Tanjore. Hurry Row.
1050 Womuntalloo. Vizianagram. H. H. the Raja of Vizianagrum.

Terminalia Catappa.

4574 Almond oil. Tanjore. (*T. Catappa?*)

Googoo Seed.

Roselle seed. Masulipatam. Local Committee.
1490 Googoo seed. Bellary. Local Committee.
Googoo seed. Kurnool.
2467 Ambara seed. Hyderabad.
8386 Ambaree oil. Hyderabad.
4572 Roselle seed oil. Tanjore. Hurry Row.

54. Colocynth.

3045 Vari-coomatee-kai oil. Coimbatore. Kistniah.

58. Moodooga.

(*Butea frondosa.*)

1401 Pulas. Bellary. Local Committee. Abundant in the jungles.
4575 Pulas oil. Tanjore. Hurry Row.
Butea frondosa. Madura.
Poorasan seeds. do.
Poorasan seeds. Salem. Apoth. Huffton.

52. Croton.

(*Croton tiglium.*)

5976 Croton seed per cwt. £ 5. Madras. Chamber of Commerce.
Vaepaulla seed. Mangalore. Padre Probo.
8948 Croton seed. Pegu. Dr. Brandis.

85. Nux Vomica.

1482 Nux Vomica. Bellary. Local Committee.

86. Marking nut.

(*Semecarpus anacardium. See also Class II.*)

1473 Shayn cottay. Bellary. Local Committee.
389 Mark nut oil. Palghaut. Armooga Koonar.

55. Vernonia Anthelmintica.

8363 Bitter karel seed. Hyderabad.
Vernonia anthelmintica. Kurnool.

Karinjota.

3418 Karinjote oil. Travancore. Local Committee.
6902 Karinjota oil from the seeds of the *Samadera Indica.* Cochin. Capt. Drury.
2689 Karinjoota oil. Malabar. Thasildar of Chowghaut.

Miscellaneous.

8552 Bleached vegetable wax 4½ as. per lb. Madras. Mr. E. Loarer.
8553 Vegetable wax, as used for Railway Grease 3½ as per lb. do. do.
8554 Vegetable wax more refined, containing a larger proportion of stearine for making candles and soap, 3½ as. per lb.
8555 Same as 8553 but having undergone a preparatory process before bleaching, 3½ as. per lb., —also soap from the above at 3 as per lb. and candles at 5 as. per lb.
(The Exhibitor holds a patent for the above.)
1145 Sheevenar-vaymboo oil. (Aspalatus Indica.) Madura. R. D. Parker.
2698 Gunda faroza oil, (this oil is particularly effective in the cure of old ulcers or sores.) Cuddapa. M. Murray Esq.
Karel oil. Hydrabad.
4582 Tobacco seed oil. Tanjore. Hurry Row.

4584 Wood apple seed oil. Tanjore. Hurry row.
4570 Radish seed. do. do.
4583 Mimusops oil. do. do.
4587 Bonduc nut oil. do. do.
4556 Hemp seed oil. do. do.
4578 Bel seed oil. do. do.
Tamarind oil. Hyderabad. Dr. Smith.
Oil of Benzamon. Nellore.
2000 to 2052 A collection of oils from Bellary. (These specimens are very minute, in some cases only a few drops.)
2260 & 2261 Oils of onions and garlic. Nellore. H. Young Esq.
410 Garlic oil. Paulghaut. Armooga Koonar.
418 Gallnut seed oil, 421 Bitter almond oil, 431 Peroon Jeeragum, 436 Benjamin oil, do. do.

Unclassified Specimens.

894 Lauchadee tylum. Rajah of Vizianagrum.
897 Survaunga tylum do.
898 Veshamoostie tylum, do.
895 Nauvana cunda tylum. do.
896 Narraina tylum, do.
900 Taumara tylum, do.
893 Broongarunga tylum, do.
901 Waudanvalasate tylum, do.
899 Wauntarashasee tylum. do.
902 Poonacauny tylum. (Aerua sessile) do.
6972 Ballinakai oil. Mangalore. Padre Probo.
6969 Caanjee oil. do. do.
6970 Counteel ray oil, do. do.
6971 Cat-honey kai oil, do. do.
7001 Sahcottay seed oil.
2692 Odda vally oil. Malabar. Coormenad Tah.
6973 Hebavina oil. Magalore. Padre Probo.
Fooliel oil. Kurnool.
5708 Corroonoovooloo.
393 Marikooloondoo oil. Paulghaut. Armooga Koonar.
397 Fire ointment, 404 Koodapalary oil, 407 Poovetta oil, 417 Koonglium oil, 429 Chilly ointment, 422 Seenikoy oil, 433 Neeringee mooloo oil, 434 Magarasango ointment, 444 Canjerakooroo oil, 447 Harkolary ointment and 449 Jooty oil. do. do.
2876 Oil of the Boalans creeper. Malabar. Mr. Bassano.

WOOD OILS.

1144 Teak oil. Madura. R. D. Parker Esq.
1145 Devadary oil. (Sethia Indica.) Madura. do.
8960 Wood oil. Dr. Brandis. Rangoon.
8606 Wood oil. Moulmein. Capt. Benson.
8959 "Kanyin-zee" or Wood oil, direct from the tree (Dipterocarpus Alatus) Dr. Brandis. Rangoon.
8958 "Kanissee-zee" oil. (Dipterocarpus Alatus) from the Rangoon Bazaar. Dr. Brandis.
8960 Aing-zee oil. (Dipt. Species) Dr. Brandis Pegu, and 8961 "Aing thee" seeds of the above.
8965 "Shan-zee," the oil of an unknown plant from the Shan country, used for lacquering. do.
8964 "Kanyin-midein torches" filled with rotten wood saturated with the oil of the Dipter. Alatus and enclosed with leaves of the "Thabanbain" (Pandanus sp.) do. do.
8958 Seeds of the Dipterocarpus alatus, do.
7878 Wood oil. Madras. Mr. Underwood.
5107 Wood oil. Tanjore. Mr. Kohlhoff.
3414 Mara ennai. Travancore. Local Committee.
7014 Wood oil. Mangalore. Padre Probo.
2308 Teak oil from Coimbatore. Nellore.
388 Wood oil. Paulghaut. Armooga Koonar.

MINERAL OILS.

Petroleum.

8601 Petroleum from Ava. This article is greatly exported to England. It might perhaps be found a good material far the manufacture of oil gas. Dr. Brandis.
390 Earth oil. Paulghaut. Armooga Koonar.
3415 Munn ennai. Travancore. Local Committee.
8915½ Petrolem. Rangoon. Dr. Brandis.
7025 Mud oil. Mangalore. Padri Probo.
2308½ Earth oil from Coimbatore. Nellore. H. Young, Esq.

ANIMAL OILS.

7522 Northern Ghee. Madras. C. Ramasawmy Chetty.
2076 Boa constrictor oil.
6994 Wax oil, Mangalore. Padre Probo.
2255 Egg oil. Nellore.
4580 Ghee. Tanjore. Hurry Row.
1143 Mutton suet. Guntoor.
7026 Bears grease. Mangalore. Padre Probo.
6978 Hogs lard, do. do.
6977 Deers lard, do. do.
6974 Egg oil. Mangalore. Padre Probo.
2877 Hogs lard. Malabar. Mr. Bassano.
Tigers fat. Hyderabad.
Ghee, do.
384 Wild serpent oil. Palghaut. Armooga Konar.
385 & 386 Peacock's and Hog's lard. do.
399 & 401 Oil of Eggs and Bear's marrow. do.
424 Mutton suet, 428 Deer's lard, 432 Tigers fat 439 Frog's fat, 446 Wild hog's lard, do. do.

Fish Oil.

4036 Karah-manoo fish oil. Masulipatam. Anoomajy Row.
4030 Chadoo parcega oil, do. do.
4032 Cooawanoo fish, do. do. do.
4035 Goodee fish, do. do. do.
4031 Valaga fish, do. do. do.
4033 Moosoo fish, do. do. do.
4034 Bochee, do. do. do. do.
Fish liver oil. Calicut.
Fish liver oil Pondicherry. Mr. Collas.
2921 Fish liver oil. Malabar, Mr. Bassano.
3426 Fish oil. Travancore. Local Committee.
7114 Fish liver oil. Mangalore. 1st Dresser Parealmoonoyagun.
3428 Muthi yennai. Travencore.
Fish liver oil. Mangalore. Padre Probo.
3431 Tiretzi oil. (Fish oil.) Travancore.
3427 Karitze mala oil. (Fish oil. do.
3429 Seri nei. (Shark liver oil.) Travancore.
3430 Challei nei. Fish oil. do.
3425 Aamei nai. (Turtle oil.) do.
8787 Fish liver oil. Madras. Mr. Underwood.

VOLATILE OILS.

Anise.

(*Pimpinella anisum. See also Class III.*)

1475 Anise seed. Bellary. Local Committee. cultivated in the Koodlaghec, Raidroog, and Madugseerah talooks.
8723 Star Aniseed. Dr. Cleghorn.
4590 Anise oil. Tanjore. Hurry Row.
Anise seed. Pegu. Dr. Brandis.
6273 Aniseed oil. Hyderabad.

Bishops Weed Seed.

(*Ptychotis ajowan. See also Class III.*)

1487 Bishops weed seed. Bellary. Local Committee.
4983 Oma oil. Madras. Royapa Pillay.
4581 Bishops weed oil. Tanjore. Hurry Row.
5089 Bishops weed oil. Tanjore. Mr. Prudhomme.
4588 Bishops weed oil. Tanjore. Hurry Row.
Bishops weed oil. Hyderabad. Rungaswamy Modaly.
6276 Bishops weed oil. Hyderabad.
8364 Woma seed. Hyderabad. Capt. Meadows.
Bishops weed seed, Kurnool.
Womum. Vizianagrum. H. H. the Raja of Vizianagrum.
7124 Omum. Pondicherry. Local Committee.

Orange.

(*Citrus species.*)

7958 Essential oil of orange, per oz. 12 as. Madras. C. Baloo Modelly.
Oil of pumplemose. Madras. G. Bauloo Mdly. As. 12 per oz.

Camphor.

8603 & 4 Camphor and the root said to produce it. The manufacture of Camphor is not very successful. Moulmein. Capt. Benson.
400 Camphor. Paulghaut. Armooga Koonar.
4588½ Camphor. Tanjore. Hurry Row.

Lemon grass.

3604 Lemon grass oil. Madras. Messrs. Binny and Co. (from Travancore.)
3412 Lemon grass oil. Travancore. (Sookoona ripel ennai.) Capt. Gilby.
2690 Lemon grass oil. Malabar. Head Moonshee. Manjoo Comaty.
4595 Lemon grass oil. Tanjore. Hurry Row.
Andropagon oil. Hyderabad. Rungasawmy.

Rowsa oil.

Rowsa oil. S. Berar.
Rowsa oil. Dr. Smith.

Sweet Fennel oil.

4585 Sweet Fennel seed oil. Tanjore. Hurry Row.
6272 Oleum anethi. Hyderabad. Dr. Smith.

SCENTED OILS OR UTTURS.

Sandal wood.

4252 Sandal uttur. Mysore, Mr. Lowry.
7020 Sandal wood oil. Barcoor. Padre Probo.
2268 Sandal wood oil. Nellore. H. Young Esq.
2521 Sandal wood oil. Salem. Streenevasa Chetty.

Utturs.

6322 to 6334 Amber, Sohag, Chumballa, Mootheah, Rose, Kavedah, Munbavun, Panch, Babar, Juah, Mujmoorah, Rahutha roo. Hydrabad.

Miscellaneous.

	Camphor oil.	Tanjore.	Hurry Row.
4589	Cummin oil,	do.	do.
4594	Corriander,	do.	do.
4592	Pepper,	do.	do.
4591	Cloves,	do.	do.
4593	Fennel flower.	do.	do.
2273	Jasmine oil,	Nellorc.	H. Young, Esq.
2272	Nutmeg oil,	do.	do.
2267	Cloves,	do.	do.
2271	Orange,	do.	do.
2264	Cus cus,	do.	do.
2269	Lime Peel,	do.	do.
2274	Fennel flower,	do.	do.
2260	Onions,	do.	do.

Jasmine oil. 1st and 2d quality. Hyderabad. Rungasawmy Modelly.

SECTION III.

DYES AND COLOURS.

Indigo.

(*Indigofera.*)

Specimens of Indigo from different Agents received from the Revenue Board.

5760 Indigo 4 cakes from Messrs. Hart and Simpsons factories in Cuddapa (thro' Messrs. Binny and Co.)
5761 Indigo from Hart and Simpsons factories in Nellore.
5762 Indigo from Hart and Simpsons factories in N. Arcot.
5763 Indigo from native factories in Budwail and Sidhout Talooks. Cuddapa district (thro' Messrs. Binny and Co.)
5764 to 5766 Indigo from native factories in Caimbaum, Chitwal and Ongole.
5767 Indigo Kurpah. (3 boxes.) Cuddapa. Appasawmy Pillay and Co.

5768 Indigo. N. Arcot from Annacavoor Trivatoor in the Chittoor Zillah. Messrs Nesbitt and Co.
5769 Indigo. Cuddapa. Messrs Line and Co.
5770 Indigo from Caloovay Ravoor Talook. Nellore. Sidloo Chetty and Co.
5771 Indigo from Kalikery, Siddavatum and Cuddapah. Sidloo Chetty and Co.
5772 Indigo from Noodoogoola pollem, Calastry Zemindary, Sidloo Chetty and Co.
5773 Bengal Indigo (6 Samples.) Messrs. Walker and Co.
5774 Madras Indigo. (8 Samples.) do.
5775 Indigo. Cuddapa. Messrs. Leeot Hicks and Co.

Samples of Bengal Indigo forwarded by the Chief Secretary to Government.

5776	Indigo from	Bauleah,	1	cake.
5777	do.	Benares,	5	do.
5778	do.	Bhagulpore,	1	do.
5778	da.	Burdwan,	2	do.
5779	do.	Jessore,	8	do.
5781	do.	Jungypore,	3	do.
5782	do.	Kishnagur,	4	do.
5783	do.	Malda,	17	do.
5784	do.	Midnapore,	2	do.
5785	do.	Moorshedabad,	2	do.
5786	do.	Mymensing,	1	do.
5787	do.	Naulpore,	1	do.
5788	do.	Oude,	2	do.
5789	do.	Low Oude,	1	do.
5790	do.	Purneah,	4	do.
5791	do,	Tirhoot,	18	do.

Specimens of prize products from Provincial Exhibitions. Revenue Board.

5792 Indigo. Tanjore. Mr. Kohlhoff.
5737 Immaconda Indigo. Prize product from Guntoor local Exhibition.
5738 Indigo of sorts. do. do.
5743 Cuddapa Indigo. do. do.
5750 Bellary Indigo. Prize product.
5696 Indigo 11 cakes from Nellore. (A prize product from the provincial Exhibition.)

9174 Dry leaf Indigo. Mootoosawmy Modely. S. Arcot.
9175 Green leaf Indigo. Mootoosawmy Modely. S. Arcot.
1423 Indigo. Bellary. Local Committee. Price per maund Rs. 45. (In Fusly 1265 the quantity of land in the Bellary district cultivated with Indigo was 1115 acres.)
795 Indigo. Chingleput. Paupy Reddy.
812 Indigo. Chingleput. Runga Charloo.
8708 Thread dyed blue with Indigo. Chingleput. G. Narrainsawmy Chetty. Price per 8 pollums Rupees 1.
8709 Thread dyed green. Chingleput. G. Narrainsawmy Chetty. Price per 8 pollems, 12 annas.
780 Thread dyed deep blue. Chingleput. Moonesah.
3094 Indigo. Coimbatore. Kistniah. Maramut Superintendent.
5038 Indigo. (Seventeen specimens) Madras. Messrs. Walker and Co.
2614 Indigo. Cuddapa. B. Vengul Reddy.
9012 Indigo. Pegu. Dr. Brandis.

8436 Cuddapa Indigo. Madras. John Tawse Esq.
8437 Dry leaf Indigo. do. do.
8593 Indigo. Moulmein. Captain Benson.
„ Green Indigo, do. do.
„ Wild Indigo, do. do.
8548 Aveerie ueclum. Madras. Appow Pillay. Dyes blue with alum, green with turmeric, and black with iron.
8642 Indigo. Tinnevelly. Coopehund.
9084 Wontimitta Indigo. Madras. Sasachellume
9028½ Indigo. Veucatasa Naiek. Myoor.
5000 Indigo. Madras. Stephen Lazar.
7145 Indigo. Poudicherry. Parasoorama Chetty.
Indigo. Kurnool. 2d sort at Rupees 34 per maund. Nowab of Banaganapilly.
5077 Indigo. Taujore. G. T. Beauchamp, Esq.
Indigo. Trichinopoly.
33 Indigo from Bundiateoor in the Nundial Talook. Kurnool. Capt. G. T. Russell.
2581 Cuddapa Indigo from Messrs. Arbuthnot and Co. forwarded by Mr. Saalfelt.
2582 Cuddapa Indigo. Mootial Condah, (through the Cuddapa local Committee.)
Indigo. Pondicherry. Messrs. Gravier and Co.

It is scarcely a hundred years since Iudigo plantations have commenced to be formed in that district in the centre of which Pondicherry is situated and the first attempt at the manufacture of fine Indigo, dates no further back thau the commencement of the present century.

The indigo obtained in the district of S. Arcot and at Pondicherry is known by the name of "*Madras Indigo*," and is the most inferior kind in the market. This inferiority is due to two great causes —the nature of the soil and want of water, which preveuts the plant from arriving at the same perfection as it does in Bengal and Cuddapah—and the mode of Manufacture, the indigo in the vicinity of Pondicherry being made from the dry leaves, whilst in all other parts of Iudia this process has been superseded by the green leaf method. Efforts are now being made to rectify the disadvantages of the former mode of manufacture.

5088 Nellore Indigo. Messrs. Walker and Co.
Pondicherry Indigo (2 specimens) do.
Kurpah Indigo (5 specimens.) do.
Vellore Iudigo, do.
Bengal Kishnagur, do.
Do. Oude (4 specimens) do.
Do. Jessore (2 do.) do.
Do. Tirhoot, do.
5111 Dry leaf Indigo. Tanjore. Mr. Kohlhoff.
5947 to 5949 Java, Bengal and Guatemala Indigo. Madras. Chamber of Commerce.

Pala Indigo.

(Wrightia tinctoria.)

8548 Pala Iudigo. Madras. Appow Pillay. Dyes blue, green, purple aud black.

Prussian blue.

9286 Prussian blue. Pondicherry. Rungasawmy Mdly. and Soobaroya Pillay.
This product is an experiment. The Exhibitors can engage to deliver 25,000 lbs. per annum of a quality superior to the sample, at 3 francs per lb.

Sappan wood.

(Cæsalpinia sappan.)

8593 (e) Sappan dye. This specimen was procured from the Shans. It affords a rich color and resembles madder. value Rs. 12 per 100 viss. A sample has been sent to the Home market but the result was not so favorable as was anticipated, the novelty of the product may account for this. The wood itself has a free sale there. Moulmein Capt. Benson

89 Buckam wood and Buckam dye. do. do.

8548 Sappan wood. Madras. Appow Pillay. Dyes red with alum and dark brown with iron,—not permanent.

2695 Sappan wood. Rs. 1-8. Malabar. Collector of Malabar. (This wood is of common growth in the Eastern parts of the centre division of Malabar, and the cultivation might be greatly extended. It is an article of commerce, the exports being :—

In 1261	Cwt.	3.974	Value Rupees	12.145
1262	„	3.717	„	10.979
1263	„	5.240	„	15.144
1264	„	2.676	„	7.541
1265	„	3.764	„	10.935

8925 "Teing-jet" or Sappan wood. A red dye. Pegu. Dr. Brandis. Supt. of Forests.

Red Sanders wood.

(Pterocarpus Santalinus)

8548 Red Sandal wood dye. Madras. Appow Pillay. Dyes red with alum.

Turmeric.

(Curcuma longa.)

674 Turmeric. Sashadry Iyengar. Chingleput.

8548 Turmeric Madras. Appow Pillay. Dyes deep yellow without a mordant but not permanent

2658 Turmeric. Malabar. Chendoo nair. ("This substance is grown of excellent quality more or less in all parts of the district, but the traffic is not in extent what it might be, the average quantity exported being 2,640 Cwt.)

5963 Turmeric per cwt. £ 2. Madras. Chamber of Commerce.

1421 Turmeric. Bellary. Local Committee.
Turmeric. Cuddapah.

5077 Turmeric. Tanjore. G. J. Beauchamp, Esq.
Turmeric. Tinnevelly. Maharaja Pillay.
Turmeric. Salem. Soondrum Mdly.
Turmeric. Pondicherry Local Committee.

3115 Turmeric.
Turmeric. Trichinopoly.

8917 Turmeric. Pegu Dr. Brandis.
"Povody" from Hyderabad (Turmeric powdered and made into cakes) 6 tolas per Rupee. Kurnool.

Safflower.

(Carthamus tinctorius.)

1415 Safflower. Local Committee. Price per maund 3 Rs. Imported from other districts.

3115 Saffron. Coimbatore. Kistnaiah.

8548 Safflower. Madras. Appow Pillay. Dyes pink and scarlet.

5962 Safflower per Cwt. £ 7. Madras. Chamber of Commerce.

8593 Safflower. Moulmein. Capt. Benson.
Coosumba. Rs. 3-4 per maund. Kurnool.

4253 Coosumba flower. Bangalore.

Muddy chuckay.

(Morinda citrifolia.)

1426 Muddee chucka. Bellary. Local Committee. Price per maund Rs. 1. Imported from other districts.

8707 Thread dyed red with Noonah root. Chingleput. G. Narrainsawmy Chetty. Price per 7 pollums Rs. 1-2.

780 Thread dyed red. Chingleput. Moonesah.

8571 Acha. Moulmein. Capt. Benson. Abundant (used as a red dye, the wood is pounded, soaked in water for three days, strained and the extract boiled till the water evaporates.)

8548 Noona Vayr. Appow Pillay. Dyes red with alum, color not bright but permanent.

2455 Noonah root Powder with a specimen of dyed cloth. Salem. Local Committee.

2510 Muddee-checka. do. do.

4530 Morinda bark. Tanjore. Hurry Row.

7153 Morinda umbellata. "Noona." Pondicherry. Apparow Modely.

7152 Morinda umbellata (variety) "Saya Sittoo" Pondicherry. Soobaroya Pillay.

1164 Munjanadei or Noonah. Madura.

5185 Noonah root. Tanjore. Local Committee.
Muddy Cheeka. Masulipatam. Vencata Narsing Row.
Noona Root. G. J. Beauchamp. Esq.
Muddy Cheeka. Kurnool.
Noona root and Powder. Salem. Soondrum Modely.

3133 Noona root.

4253 Muddy checka. Bangalore.

3850 Muddy checka. Rajahmundry. Gopaulcharry.

Pupli chuckay.

(Ventilago Madraspatana.)

1424 Pupli chuckay. Bellary. Local Committee. Price per maund 4 Rupees. Imported.

8548 Pupli chuckay. Madras. Appow Pillay. Dyes red with alum.

2509 and 2516 Pupli chuckay. With 8 rolls of cotton dyed once, twice, thrice, &c., in Puplee. Salem. Local Committee.

4010 Cheroogoody pootoo. Masulipatam. Vencata Nursing Row.

1990 Pupli chuckey. Bangalore. Apoth. Wrightman
Coola marum Bark. Bangalore.

5706 Sooraty. Bark. Nellore.

8313 Sooroogoodoo. Rajahmundry.

4253 Pupply checky. Bangalore.

669 Soorool bark. Chingleput. Yanadies.
Sooroogoodoo chuckay. Rajahmundry. Gopaul achary.

Chembooram.

(Swietenia febrifuga)

664 Chembooram bark. Chingleput. Esmail Khan.

5342 Chembooram bark. Chingleput. Armooga Mdly.

1989 Chembooram Bark *(Swietenia febrifuga.)* Dr. Kirkpatrick Bangalore.

Chayroot.

(Oldenlandia umbellata.)

665 Chayroot. Chingleput. Yanadics.
8706 Thread dyed red with chayroot. Chingleput. G. Narrainsawmy Chetty, price per 8 pols. 2 Rs.
5705 Chayroot. A prize product from the Provincial Exhibition at Nellore. Revenue Board.
8548 Chayroot. Madras. Appow pillay. Dyes red, orange and purple.
2694 Chayroot. Malabar. Collector of Malabar.
4526 to 4528 Chayroot, 1st 2d and 3d sorts. Tanjore. Hurry Row.
4529 Wild chayroot, do. do.
1151 Chayroot. Madura. Collector of Ramnad.
5705 Chayroot. Madras.
7149 Chayroot. Pondicherry. Soobaroy Pillay.

Capala rung.

(Rottleria tinctoria.)

2548 Rottleria dye. Madras. Appow pillay. The dust of the Berries dyes a pale orange without a mordant.
2513 Kapeclapoody, for dying silk yellow. Salem Local Committee.
8315 Vasunta-goonda. Rajahmundry.
Kupla rung. Kurnool. 4 Rs. per maund.
4253 Kupla rung, a red dye. Bangalore.
Vasunta goonda. Vizianagrum. H. H. the Raja of Viziauagrum.
1991 Capala rung. Mysore. G. Wrightman.
2517 Yellow silk dyed with Kapeelapoody. Salem. Local Committee.

Pulas or Moodooga flowers.

(Butea Frondosa.)

1417 Pulas flower. Bellary. Local Committee. Price per maund 4 annas.
8548 Pulas flowers. Madras. Appow Pillay. Dye yellow with alum, a little alkali added changes it to a deep reddish orange.
Butea flowers. Nellore.

Lac-dye.

1422 & 1429 Lac-dye. Bellary. Local Committee. Price of stick lac per maund Rupees 3-8-0.
8593 Lac-dye. Moulmein. Capt. Benson.
8548 Lac. Madras. Appow Pillay. Dyes red.
8405 Lac-dye from Nagoolee stick lac. Nagpore. C. Brown.
8406 Lac-dye from Hazarecbag lac. do. do.
8407 Lac dye from Kymoor lac. do. do.
5961 Lac-dye various brands per. lb. £ 0-2-3. Madras. Chamber of Commerce.
Lac. Rajahmundry. Gopaulcharry.
2518 Red silk dyed with avul urruck. Salem. Local Committee.

Alli-akoo.

(Memecylon tinctorium.)

1428 Aliakoo. Bellary. Local Committee. Price per maund. Rupees 1-2-0. Imported from other districts.
8548 Aliakoo. Madras. Appow Pillay. Dyes yellow.
5187 Dried Casau leaves, used as a red dye Tanjore. Local Committee.
2458 Casau leaves. Salem. Local Committee.
Casau ellay. Salem. Soondrum Modelly.
5707 Ullay leaf. from Nellore (Rev : Bd.)
7150 Memecylon Tinctorium or "Cassa" Pondicherry. Local Committee.
7151 Memecylon Tinctorium (var.) "Vasa-casa."

Tanteepoo or Tugarapoo.

(Cassia tora.)

1068 Tanteepoo seed. Vizianagram. H. H. the Raja of Vizianagram.
1491 Tagarapoo seed at 8 seers per Rupee. Bellary. Local Committee.
Thagaray seed. Madras.
8548 Thagaray verey. Madras. Appow Pillay. Dyes blue, and is used with Pala Indigo in preparing a blue dye.

Arnotto.

(Bixa orellana.)

8548 Arnotto. Madras. Appow Pillay. Dyes orange, citron, green, and yellow—not permanent.
8939 "Thee-din.see" Bixa orellana. Cultivated in Pegu for its red dye. Dr. Brandis.
1166 Jaffer seed. Madura. R. D. Parker Esq.
Arnottoo. Bangalore.
Bixa orellana. Nellore,
7147 Vennci-verei. Pondicherry. Local Committee.
(The Arnotto tree grows in Pondicherry and the neighbourhood. It is but little cultivated being only used by the natives to colour oily substances. The dye is very fugitive. The tree is grown chiefly in Mysore. The price of the seed in the Pondicherry market is 134 fr. the Kilog. It must be much cheaper in Mysore.)
4522 Arnotto seed. Tanjore. Hurry Row.

Indigo seed.

7146 Indigo seed. Pondicherry. Local Committee.
1539 Indigo seed. Bellary.
Indigo seed. Chingleput. Soondrayen.

Myrobolans.

(Terminalia species.)

1419 Myrobolans Belleric. Bellary. Local Committee. Price per maund, 5 Annas.
1420 Myrobolans Chebulic. Bellary. Local Committee. Price per maund, 8 Annas.
8548 Kadukai. (T. Chebula.) Madras. Appow Pillay. Dye yellow with alum, and black with salts of iron.
Huldakai. (T. Chebula.) Salem. Apothecary Hufton.
Kurkapoo. (T. Chebula.) do. do.
Powder of the nut of the Chebulic Myrobolan. Kurnool.
Term Chebula. Rajahmundry. Gopaul achary.

Vaimpalam.

(Tephrosia tinctoria ?)

1162 & 1164 Vaimpalam leaf & root Madura. R. D. Parker, Esq.
5186 Vembadum puttay, (used as a red dye.) Tanjore. Local Committee.

Gamboge.

(*Garcinia pictoria.*)

8548 Gamboge. Madras. Appow pillay.
5965 Gamboge per Cwt. £ 7. Madras. Chamber of Commerce.
4199 Gamboge. Mysore. G. Wrightman.

Acacia rugata.

8941 "Keen-boon." (A. Rugata.) A green dye. Pegu. Dr. Brandis.

Munjeet.

(*Rubia munjista.*)

8548 Munjeet. Madras. Appow Pillay. Dyes pink, lake, purple, orange, yellow and brown.

7148 Rubia munjith. Pondicherry. SoobaroyPillay.

Marra Munjil.

(*Coscinium fenestratum.*)

8713 Root of Coscinium fenestratum from the Western coast. Dr. Cleghorn.
2767 Mara Manhil. Malabar. Cawaye Tahsildar
2320 "False Columba Root." (Cosc. fenest. o Colebrooke.) Cinghalese name "Weniwell' contains a large proportion of Berberine. Paradenia. Ceylon. Mr. Thwaites.

Cassia auriculata.

1685 Avarum poo. Bellary.
663 Auvarum. Chingleput.

The series of dyes and botanical specimens of the plants yielding them, exhibited by Appow Pillay being very complete, his lists are here given entire.

No.	Natural Order.	Botanical Names.	English Names.	Tamil Names.	Teloogoo Names.	Hindoostanee Names.
1	Leguminosæ.	Butea frondosa.	Pulas flowers.	Porasum poo.	Móduga.	Palás.
2	Rubiaceæ.	Morinda Citrifolia.	.... ..	Noona-vayr.	Mólooghoodoo	......
3	Compositæ.	Carthamus tinctorius.	Safflower.	Sendoorkum poo.	Koosumba.	Koosum.
4	Cedrelaceæ.	Cedrela toona.	......	Maylapoo.	......	......
5	Guttiferæ.	Garcinia pictoria.	Gamboge.	Mukki.	Passapoovennay.	......
6	Leguminosæ.	Hæmatoxylon campechianum.	Logwood.	......	......	......
7	Rubiaceæ.	Rubia Munjista.	......	Munjisth wer.	Munjistee.	Munjit.
8	Moraceæ.	Maclura tinctoria.	Fustic wood.		......	......
9	Leguminosæ.	Pterocarpus Santalinus.	Red sandalwood.	Ségápoo shándánum.	Kuchandanum	Ruckut chundum.
10	Do.	Cœsalpinia Sappan.	Sappan wood.	Verthengee cuttay.	Bukkum.	Bukkum.
11	Do.	Cassia tora.	Oval leaved Cassia.	Thagaray veray.	Tantipoo.	Chakunda.
12	Euphorbiaceæ.	Rottleria tinctoria.	......	......	Cuplarung.	......
13	Zinziberaceæ.	Curcuma longa.	Turmeric.	Munjil.	Passapoo.	Huldie.
14	Xanthoxylaceæ.	Toddalia aculeata.	Prickly Toddalia.	Molakarunnay.	Conda eashinda.	......
15	Combretaceæ.	Terminalia chebula.	Myrobolan.	Kadukai.	Cárákaia.	Hara.
16	Rubiaceæ.	Oldenlandia umbellata.	Chayroot.	Saya or Emboorel vayr.	Tsheri-velloo.	......
17	Melastomaceæ.	Memecylon tinctorium.	......	Casau elley.	Aliakoo.	......
18	Flacourtiaceæ.	Bixa orellana.	Arnotto.	Jabra veray.	......	......
19	Leguminosæ.	Indigofera tinctoria	Indigo.	Averie neelum.	Neelie.	Neel.
20	Apocynaceæ.	Wrightia tinctoria.	Pala Indigo.	Pala neelum.	Pala Neelie.	......
21	Rhamnaceæ.	Ventilago ?	......	Pupley chuckay.	......	......
22	Terebinthaceæ.	Semecarpus anacardium.	Marking Nut.	Shayrang cóttay.	Nellajedie.	Bheela.
23	......	Lichen.	......	Kull pashie.	Rati pauchie.	Puttír ka pool.
24	... ..	Lacca.	Lac.	Komb urrúk.	Commolékka.	Lákh.

NOTE.—[1.] Dyes yellow with alum; a little alkali added changes it to a deep reddish orange. [2.] Dyes red with alum, color not bright, but permanent. [3.] Dyes pink and scarlet. [4.] Dyes yellow with alum. [5.] Dyes yellow. [6.] Dyes red with alkalies, and black with salts of Iron. [7.] Dyes pink, lake, purple, orange, yellow and brown. [8.] Dyes yellow, olive and brown. [9.] Dyes red with alum. [10.] Dyes red with alum, and dark brown with Iron, not permanent. [11.] Dyes blue, used with Pala Indigo in preparing a blue dye. [12.] Dust of the berries dyes a pale orange, without a mordant. [13.] Dyes deep yellow without a mordant, but not permanent. [15.] Dyes yellow with alum and a black colour with salts of Iron. [16.] Dyes red, orange and purple. [17.] Dyes yellow. [18.] Dyes orange, citron, green and yellow, colours not permanent. [19.] Dyes blue with alum, green with turmeric and black with Iron. [20.] Dyes blue, green, purple and black. [21.] Dyes red with alum. [22.] Dyes black, the colour improved and prevented from running by a mixture of a little quick lime and water. [24.] Dyes red.

8549 *Botanical Specimens of plants yielding Dyes.—Appow Pillay.*

No.	Natural Order.	Botanical Names.	English Names.	Tamil Names.	Teloogoo Names.
1	Cedrelaceæ.	Chloroxylon swietenia.	Satin wood tree.	....	....
2	Malvaceæ.	Hibiscus rosa sinensis.	Shoe flower plant.	Sapatoo cheddie.	Dasanic.
3	Jasminaceæ.	Nyctanthes arbor tristis.	Night flowering Jasmine.	Pagala mullee poo.	......
4	Leguminosæ.	Butea frondosa.	Pulas.	Porasum poo.	Módugá.
5	Casuarinaceæ.	Casuarina muricata.	Horse tail casuarina.	Savookoo marum.	......
6	Cedrelaceæ.	Cedrela toona.	Toon tree.	Toon marum.	......
7	Flacourtiaceæ.	Bixa Orellana.	Arnatoo.	Jabra veray.	......
8	Rubiaceæ.	Oldenlandia umbellata.	Chayroot.	Saya or Emboora.	Tsheri-velloo.
9	Melastomaceæ.	Memecylon tinctorium.	......	Casau elley.	Aliakoo.
10	Apocynaceæ.	Wrightia tinctoria.	Pala Indigo.	Pala neelum.	Pala Neelie.
11	Moraceæ.	Maclura tinctoria.	Fustic wood.	......	......
12	Combretaceæ.	Terminalia chebula.	Myrobolan.	Kadukai.	Kárákaia.
13	Rhamnaceæ.	Ventilago ?	......	Puplay chuckay.	......
14	Leguminosæ.	Hœmatoxylon Campechianum.	Logwood.	......	......
15	Do.	Cœsalpinia sappan.	Sappanwood.	Varthengee cuttay.	Bukkum.
16	Do.	Indigofera tinctoria.	Indigo.	Averie neelum.	Neelie.
17	Xanthoxylaceæ.	Toddalia aculeata.	Prickly Toddalia.	Molakarunnay	Conda cashinda.
18	Leguminosæ.	Pterocarpus santalinus.	Red sandal wood.	Ségápoo shándánum.	Kuchandanum.
19	Do.	Adenanthera pavonina.	Red wood tree.	Anay goondoomoney.	
20	Zingiberaceæ.	Curcuma longa.	Turmeric.	Munjil.	Passapoo.
21	Leguminosæ.	Cassia tora.	Oval leaved Cassia.	Tagaray veray.	Tantim.
22	Terebinthaceæ.	Semecarpus anacardium.	Marking nut.	Shayng cottay.	Neelajiedie.
23	Rubiaceæ.	Morinda citrifolia.	......	Nooua.	Molooghoodoo.
24	Do.	Morinda ———— ?	......	Noona.	Molooghoodoo.
25	Do.	Morinda ———— ?		Noona.	Molooghoodoo.

Grislea tomentosa.

Grislea tomentosa. Rajahmundry.

Molakarunny.

(*Todalia aculeata.*)

8548 Molakarunny. Madras. Appow Pillay.
671 Mooloocarny root. Chingleput.

Saffron.

Koongooma poo. (A kind of Saffron.) Madura.
Saffron. Nellore.

Marking nut.

(*Semecarpus anacardium.*)

8548 Marking nut. Madras. Appow Pillay. Dyes a black color which is improved and prevented from running by a mixture of quicklime and water.
3109 Marking nut. Coimbatore. Kistniah.
Marking nut. Tanjore. J. Beauchamp. Esq.
Marking nut. Bellary. Tahsildar of Raidroog.

Lichen or Ratipauchie.

8548 Kull-pashie. Madras. Appow Pillay.
Lichens from Nellore, Bellary and Hydrabad.

Malapoo.

(*Cedrella toona.*)

8548 Malapoo. Madras. Appow Pillay. Dyes yellow with alum.
2512 Malaypoo. Salem. Local Committee.

Fustic.

(*Maclura tinctoria.*)

8548 Fustic. Madras. Appow Pillay. Dyes yellow, olive and brown.
5004 Fustic dye. (Maclura tinctoria). Madras. Mr. Jaffrey, grown at the Hort. gardens.

Shoe flower.

(*Hibiscus rosa sinensis*).

8549 Shoe flower. Appow Pillay. Madras.

Casuarina.

(*Casuarina muricata.*)

8549 Casuarina muricata. Savookoo. Madras. Appow Pillay.

Cochineal.

4253 Kirmunjie seed. (Cochineal.) Bangalore. Kristnasawmy.
5950 to 5955 Cochineal, Honduras, Teneriffe, and Mexican. Chamber of Commerce.
Cochineal. Dr. Riddle. Bolarum.

Buchanania latifolia.

1430 Chironjie dye. Rs. 2 per maund. Tahsildar of Auantapoor. Bellary.

Unclassified.

Neelamuddy root for dying clothes. Kurnool.
Chindooka chuckey and Nulla-veekee chuckey Masulipatam. Venkata Nursing Row.

SECTION IV.

TANNING MATERIALS.

Divi divi.

(*Cæsalpinia coriaria.*)

3964 Divi divi. Masulipatam. G. Ramiah Gauroo.
6856 Sumach. Salem. Messrs. Fischer and Co.

Turwur—Tanghedi.

(*Cassia Auriculata.*)

1432 Turwar bark. Bellary. Local Committee.
663 Auvarum. Chingleput. Yanadies.
5734 Tungadoo. Prize product from Nellore. Revenue Board.
4013 Tangadoo checah. Masulipatam. Narsing row.
Turwur plant. Hydrabad.
Avarum bark. Kurnool.
Dungada bark. do.
1623 Tanghedu. Bellary. Local Committee.

Zizyphus jujuba.

Raygooba checka. Nundial.

Babool bark.

(*Acacia Arabica.*)

1431 Babool bark. Bellary. Local Committee.

Acacia Leucophlæa.

5733 Tooma bark. (A. Leu.) A prize product from Nellore. Revenue Board.

Catechu.

(*Acacia Catechu.*)

8722 Kutch from Pegu. Dr. Cleghorn..
2920 Catechu. Malabar. Mr. Bassano.
8592 "Shaw-myhoo-nheee" or 1st sort Catechu. Pegu. Dr. Brandis.
8953 "Shaw-mhyoo-nhait or 2d sort Catechu. do.
8954 "Shaw-ysai" 3d sort Catechu. do. do.
2524 Catechu. Salem. R. Huffton, Apothecary.
3599 Catechu. Travancore. Sawmynadah Mdly.
Causoo-cuttay. Madura.
2305 White catcchu. Nellore.
2302 Black catechu, do.
452 Catechu tincture. Paulghaut.
7155 Catechu. Pondicherry. Local Committee.
2920 Catechu. Malabar. Mr. Bassano.

Huldeekai—Kadookai.

(*Terminalia chebula.*)

1434 Myrobolans. Bellary. Local Committee.
3111 Cadookai. Coimbatore. Kistniah.
2524 Galls. Salem. R. Huffton.
Terminalia chebula. Kurnool.
Terminalia chebula. Masulipatam.
Gall nut. Madura.
3111 Terminalia chebula.
5712 Caurakayaloo. Madras.
8950 Terminalia chebula. Pegu. Dr. Brandis.
2226 Carookai. Nellore.
5078 Gall nut. Tanjore. G. J. Beauchamp.

Tanikai.

(*Terminalia Bellerica.*)

3112 Tanikai. Coimbatore. Kistniah.
2524 Galls. Salem. R. Huffton.
Thaneekai. Madura.
2227 Thanikai. Nellore.

Gall-nut.

(*Quercus infectoria.*)

2292 Mache-kai. Nellore.

Pomegranate bark.

1433 Pomegranate bark, (*of the fruit.*) Bellary. Local Committee.

Theeka bark.

8571 Theeka bark. Yields a superior tannin, it is also used by the Shans as a substitute for betel nut. Found in large quantities near Amherst. Moulmein. Capt. Benson.

Unclassified.

5732 Rayla bark. Prize product from Nellore. Revenue Board.
2676 Panichy, the fruit is used for tanning leather. Malabar. Tahsildar of Walloowanaud.

SECTION V.

FIBROUS SUBSTANCES.

Cocoanut Fibre.

1737, to 1740 Cocoanut fibre or coir. Bellary. Ahobala Row.
784 Cocoanut fibre rope. Chingleput. Streenavasa Iyengar.
538 Coir fibre and rope. Chingleput. Dr. Ratton.
5343 Cocoanut fibre. Chingleput. Armooga Mdly.
757 Coir. Chingleput. Streenavassa Iyengar.
2954 Cocoanut fibre. Coimbatore. E. B. Thomas.
3055 Coir. Coimbatore, Kistniah.
2969 Cocoanut hemp, (Apparently from the leaves.) Coimbatore. E. B. Thomas, Esq.
5003 Coir. Madras. Mr. Jaffrey.
1174 Cocoanut fibre. Madura. R. D. Parker, Esq.
2916 Coir mats. Malabar. Mr. Bassano.
2448 Coir. Salem. Local Committee.
7054 Coir rope. Mangalore. Padre Probo.
7056 Coir. Mangalore. Padre Probo.
1994 Coir fibre and string. Dr. Kirkpatrick.

Coir. Guntoor.
4645 & 3 Coir. Tanjore. Hurry Row.
4644 to 4648 Coir rope. do. do.
5166 Coir rope of sorts. Tanjore. Fakeer Saib.
5170 Do. black. do. do.
931 Cobbauree nar. Vizianagrum. H. H. the Raja. of Vizianagrum.
1737 Coir and rope. Bellary. Raidroog Tahsildar.
9143 Cocoanut fibre rug. S. Arcot. Local Com-
Kadambai nar. Guntoor.

Wild Date Tree.

(*Phœnix dactylifera.*)

1740 & 1741 Wild date tree fibre. Bellary. Ahobala Row.
643 Payr-eachum fibre and rope. Chingleput. Dr. Ratton.
9 Date fibre and rope. Kurnool Nawab of Banaganapilly.
Wild date fibre. Madura.
1740 Eeta nara. Bellary. Tahsildar of Raidroog.
932 Date fibre. Vizianagram.
Date fibre. Rajahmundry.
Date leaf for mats. Hydrabad.

Palmyra.

(*Borassus flabelliformis.*)

1742 Palmyra fibre. Bellary. Ahobala Row.
534 Pana nar. Chingleput. Dr. Ratton.
783 Palmyra rope. Chingleput. Putchcapah Mdly.
5348 Palmyra fibre. Chingleput. Armooga Mdly.
5354 Palmyra rope. Chingleput. Armooga Mdly.
2955 Panie or Palmyra nar. Coimbatore. E. B. Thomas, Esq.
3057 Palmyra fibre. Coimbatore. Kistniah.
8 Palmyra fibre. Nowab of Banaganapilly.
4985 Palmyra fibre and leaf. Madras. P. Royapa Pillay.
5003 Palmyra fibre. Madras. Mr. Jaffray.
1179 Palmyra fibre. Madura. R. D. Parker, Esq
4081 Palmyra fibre rope. Masulipatam. J. J. Cotton, Esq.
130 Palmyra fibre rope. Tinnevelly. Madasawmy.
Palmyra fibre rope. Tinnevelly.
5752 Palmyra rope. Rajahmundry.
7049 Palmyra rope. Mangalore, Padre Probo.
921 Palmyra fibre. Vizianagrum. H. H. the Raja of Vizianagram.
2447 Palmira fibre. Salem. Local Committee.
Palmyra fibre. Bellary. Raidroog Tah.
Palmyra fibre. Hydrabad.
753 Palmyra fibre. Chingleput. Paupy Reddy.

Aloe Fibre.

(*Agave species.*)

1734 Wild Aloe fibre, Bellary, Ahobala Row.
5349 Aloe fibre, *(A. Americana,)* Chingleput, Armooga Moodely.
8038 Aloe Rope, (imitation Bowstring,) Chingleput W. Dowdeswell, Esq.
8031 Aloe fibre, Chingleput. W. Dowdeswell, Esq.
8032 to 8037 Aloe ropes. Chingleput. do.
8045 Aloe fibre. W. Dowdeswell, Esq.
531 Bramarakashie fibre & rope (Agave Americ.) Chingleput. Dr. Ratton.
8041 Aloe rope prepared from leaves in a single day without rotting. Chingleput. W. Dowdeswell, Esq.
2630 Aloe fibre. Cuddapa. M. Murray, Esq.
2977 Aloe fibre. Coimbatore. J. B. Roupell.
2980 Aloe fibre dyed yellow. Coimbatore. do.
2978 Aloe fibre dyed black. Coimbatore do.
2979 Aloe fibre dyed red. Coimbatore. do.
2987 Aloe fibres dyed gray and brown. Coimbatore. S. B. Kanagaroyen. N. S.
2987 Aloe fibres dyed green and red. do. do.
3059 Aloe fibre dyed black. (A. Americ.) Coimbatore, Kistniah.
2956 Aloe fibre. Coimbatore. E. B. Thomas, Esq.
3053 Cuttalay. Coimbatore. Kistniah.
3059 Aloe fibre dyed black. do. do.
6614 Aloe fibre twine. Hydrabad. Resident.
6610 Aloe fibre Penelope canvas from Captain Davies. Hydrabad.
6614 Country Aloe fibre. Hydrabad Resident.
6731 Garden Aloe. (A Mexicana) from Poona. Dr. Riddle. Hydrabad.
6731 Cloth striped colored, made of Aloe fibre and cotton. Bolarum. Dr. Riddle.
6731 Cloth of Aloe fibre alone. do.
6731 Cloth of Aloe fibre and silk. do. do.
6731 Cloth of Aloe fibre double thread. do.
6731 Cloth of Aloe fibre and cotton. do. do.
6731 Cloth of Aloe fibre and Tassah silk, do.
6731 Aloe fibre—good specimen, do. do.
6731 Hedge aloe fibre (Poona.) do. do.
5003 Agave Americana fibre. Madras. Mr. Jaffrey.
„ Agave Americana minima fibre, do.
„ Agave Americana variegata fibre, do.
5700 Aloe fibre. Prize product from the provincial Exhibition at Nellore. Revenue Board.
8644 Aloe fibre made for exportation at Tinnevelly from the green leaf without rotting. Madras. W. E. Underwood, Esq.
1184 Kathalay. Madura. R. D. Parker, Esq.
1198 Kattaly. Madura. Doddapa Naick.
2910 Aloe fibre. Malabar. Mr. Bassano.
4079 Aloe fibre ropes (four) Musulipatam. J. J. Cotton, Esq.
4082 Aloe fibre rope tarrred. do. do.
2439 Aloe fibre. Salem. Teeroomala Gowden.
2424 Aloe fibre. Salem. Chinniah Modelly.
1994 Twine and fibre of the long Aloe. Bangalore. Dr. Kirkpatrick.
1994 Agave Vivipara fibre and string. do.
Aloe fibre. Guntoor.
2424 Aloe fibre. Salem. Chinniah Modly.
9258 Agave Vivip. Cloth. Cuddapa. Wm. Elliot.
4254 & 3 Agave Vivipara fibre. Cuddapah. William Elliot, Esq.
9252 & 6 & 8 Thread and Rope. do. do.
4621 Aloe fibre. Tanjore. Hurry Row.
4628 Aloe fibre rope colored purple. (Agave Americana) Tanjore. Hurry Row.
4624 to 4627 Aloe rope. Tanjore. Hurry Row.
4700 Aloe Cloth. do. do.
6962 Aloe perfoliata ropes of sizes. Tranquebar. Hamlin Nott, Civil Surgeon.
6958 Aloe perfoliata fibre prepared by beating and scraping the leaves. Tranquebar. H. Nott. Civil Surgeon.
1971 Aloe fibre. Mysore. Capt. Clerk.
2439 Aloe fibre. Salem. Teroomaly gowden.

6959 Aloe perfoliata fibre, prepared by steeping in hot water and squeezing the leaves.
Aloe fibre, Rajahmundry.
2459 & 61 Aloe fibre from Shevaroy Hills. Salem Local Committee.
917 Kittaulee nar. Vizianagram. H. H. the Rajah.
6862 Munjee nar and Rope. Salem. Messrs. Fischer & Co.
15 Yaynga Calabunda fibre. (*Aloe perfoliata.*) Kurnool.
4622 & 3 Aloe fibre dyed green and blue. Tanjore. Hurry Row.
4629 Aloe rope, green. do. do.
1995 Aloe string steeped in a decoction of the Cassia auriculata. Bangalore. Dr. Kirkpatrick.
3895 Kitta nar. Rajahmundry. S. Gunga Reddy.
Manjee. Hydrabad Resident.

Marool.

(*Sanseviera Zeylanica*)

546 Marool-muttay fibre. Chingleput. Dr. Ratton.
2957 Marool fibre. Coimbatore. E. B. Thomas,
3054 Marool. Coimbatore. Kistniah.
6 Saga cloth. Kurnool. Nawab of Banaganapilly.
4 Saga fibre and ropes, do. do.
5 Saga gunny, do. do.
5003 Sanseviera fibre. Madras. Mr. Jaffray.
7871 Marool fibre. Madras. W. Underwood, Esq.
1180 Marool fibre. Madura. R. D. Parker, Esq.
9259 Marool fibre. Cuddapa. William Elliot, Esq.
9260 Marool rope, do. do.
4697 to 9 Marool cloth. Tanjore. Hurry Row.
3385 Marool nar. Travancore. Local Committee.
7041 Aneke-thad-munjee. Mangalore. Padre Probo.
1994 Marool nar and twine. Bangalore. Dr. Kirkpatrick.
4618, 4619 & 4620 Marool fibres and rope dyed purple and green. Tanjore. Hurry Row.
4614 Marool rope, do. do.
4613 Marool fibre. Tanjore. do. do.
2348 Marool fibre. Guntoor. Local Committee.
4083 Rope of Bowstring hemp (marool.) Masulipatam. J. J. Cotton, Esq.
2348 Sauga rope. Guntoor. Local Committee.
928 Saugoo nar. Vizianagram. H. H. the Raja of Vizianagrum.
Chauga nara. Rajamundry.
3382 Kullalay nar. Travancore. Local Committee.

Fourcroya Gigantea.

532 Seemay Cattalay. Chingleput. Dr. Ratton.
8043 Seemay Cuttalay, prepared in one day from the plant. Chingleput. W. Dowdeswell, Esq.
5003 Fourcroya gigantea fibre. Madras. Mr. Jaffray.

Screw Pine.

(*Pandanus Odoratissimus*)

1743 Mogely fibre. Bellary. Ahobala Row.
535 Talay fibre rope. Chingleput. Dr. Ratton.
5347 Thalay fibre. Chingleput. Armooga Mdly.
755 Thalum nar. Chingleput. Poonen.
2959 Thalay nar. Coimbatore. E. B. Thomas, Esq.
5003 Pandanus Moschatus fibre. Madras. Mr. Jaffrey.
1181 Thalai nar. Madura. R. D. Parker, Esq.
7159 Pandanus fibre. Pondicherry. Appow Modelly.
7217 Pandanus rope. do. do.
1743 Screw pine fibre and rope. Bellary. Raidroog Tahsildar.
914 Mogaly nar. Vizianagrum. H. H. the Raja of Vizianagrum.
Mogaley or Caldera. Rajahmundry.
Thalei nar. Guntoor.

Plantain.

(*Musa species.*)

1732 Plantain fibre. Bellary. Ahobala Row.
536 Plantain fibre and coarse rope made from the outer back of the leaf. Chingleput. Dr. Ratton.
8044 Plantain fibre. W. Dowdeswell, Esq.
8040 Plantain fibre rope 6½ yards. Chingleput.
549 Vallei toondoo. (M. Paradaisica) Chingleput. Dr. Ratton.
6614 Plantain fibre cloth. Hyderabad. Dr. Smith.
6614 Plantain fibre for paper. Hyderabad. do.
6731 Cloth made out of a piece of Manilla Rope. Bolaram. Dr. Riddle.
18 Plantain fibre. Kurnool. Nawab of Banaganapillay.
19 Wild Plantain fibre. do. do.
Plantain fibre. Kurnool. Capt. Russell.
5003 Musa Sapientum. Madras. Mr. Jaffrey.
5701 Plantain fibre. Prize product from the provincial Exhibition at Nellore. Revenue Board.
1176 Plantain fibre. Madura. R D. Parker, Esq.
4709 Two handkerchieves of Plantain fibre. Tanjore. Hurry Row.
4607 to 4611 Plantain rope. Tanjore. Hurry Row.
4612 Plantain fibre. Dyed purple do.
6961½ Musa Paradaisiea fibre prepared by macerating in water and withdrawing the fibres Tranquebar. H. Nott, Esq. Civil Surgeon.
6964 Musa Paradaisiea rope. do. do.
915 Aureetee nar. Vizianagram H. H. the Raja of Vizianagram.
Plantain fibres. Masulipatam.
7038 Plantain fibre. Mangalore. Padre Probo.
7046 Wild Plantain. Mangalore. do.
Plantain fibre. Guntoor.
1994 Plantain fibre. Mysore.

Yercum.

(*Calotropis gigantea.*)

1729 Zilladoo. Bellary. Ahobala Row.
1175 Eerookalai fibre. Madura. R. Parker, Esq.
533 Yercum fibre. Chingleput. Dr. Ratton.
672 Table napkins of the fibre. do. do.
3056 Yercum. Coimbatore. Kistniah.
2963 Yercum. Coimbatore. E. B. Thomas, Esq.
16 Yerca fibre. Kurnool. Nowab of Banaganapilly.
5003 Aselepias gigantea. Madras. Mr. Jaffrey.
5702 Jilladoo or yercum. Prize product from the provincial Exhibition at Nellore. Revenue Board.
7872 Yercum fibre. Madras. W. Underwood, Esq.
4087 Yercum rope. Masulipatam. Local Committee.
Yercum nar. Salem. Cooliah Gowd.
6861 Yercum nar and rope. Salem. Messrs. Fischer and Co.

5123 Yercum fibre. Tanjore. Kristna Row.
5702 Yercum fibre. Rajahmundry.
5751 Yercum fibre. Bellary. Raidroog Tah.
4707 Yercum fibre cloth. Tanjore. Hurry Row.
3386 Erookala nar. Travancore. Local Committee.
4632 Yercum fibre. Tanjore. Hurry Row. Yercum. Guntoor.
2425 Yercum fibre. Salem, Chinniah Modelly.
1994 & 1995 Yercum nar and rope. Bangalore. Dr. Kirkpatrick.
924 Jilladoo fibre. Vizianagram. H. H. the Raja of Vizianagram.

Cryptostegia Grandiflora.—Palay.

548 Palay fibre. Chingleput. Dr. Ratton.
1731 Paulava fibre. Bellary. Ahobala Row

Ootrum.

(*Dœmia Extensa.*)

564 Ootahmenay or Ootrum fibre. Chingleput. Dr. Ratton.
1994 Vaylie Parthie fibre. (*Cynanchum extensum.*) Bangalore. Dr. Kirkpatrick.

Hemp.

(*Cannabis sativa.*)

6616 Hemp. Hydrabad.
10 Ganja fibre. Kurnool. Nowab of Banaganpilly.

Flax.

6616 Flax grown at Alpoor. Hydrabad Resident.
6616 Thread made from Flax grown at Alpoor. Hydrabad Resident.
6616 Flax from Ballapoor. Hydrabad Resident.
6616 Flax from Julgaum, do. do.
6616 Flax grown at Raichoor, do. do.
6616 Flax from Akoat, do. do.
6614 Flax twine. Hydrabad. D. Smith.
6616 Flax from Raichore. Hydrabad Resident.
6616 The first specimen of cloth made from flax grown in the Deccan. North Berar. Captain Campbell, Deputy Commissioner.
6614 Twine from flax. Hydrabad. D. Smith.
6616 Flax grown at Manvee. Hydrabad Resident.
6616 4 yards of linen made by Mooroojee of Maupaud talook. Alpoor. Hydrabad.
6614 2 specimens of Linseed cotton and flax from N. Berar. Dr. Smith.
6614 Cloth from flax of Linseed plant. Raichore several specimens. do.
2 specimens of flax cloth from Moordoozapoor.
2631 Tow from the Yella-agasee or flax, might be used for paper, Cuddapa. M. Murray Esq.
4080 Rope made of flax Masulipatam. J. J. Cotton, Esq.
1994 & 1995 English Linseed fibre and string. Bangalore. Dr. Kirkpatrick.

Sunn or Janapa.

(*Crotolaria juncea.*)

1736 Hemp or Janapa fibre. Bellary. Ahobala Row.
1733 Conda Jaupa, or wild Hemp. do.
782 Two Hempen ropes. Chingleput. Streeneevasa Iyengar.
758 Janapa fibre. Chingleput. Mooneappa.
754 Janapa fibre. Chingleput. Paupy Reddy.
785 Gunnies. Chingleput. Mooneappa Chetty.
5346 Hemp. Chingleput. Armooga Mdly.
2958 Crotolaria. Coimbatore. E. B. Thomas Esq.
6614 Sunn fibre and twine. Hyderabad. Dr. Smith.
6614 Tat puttie or Gunny. Hyderabad. do.
3390 Chadamboo fibre. Travancore. Local Committee.
3405 Indian Hemp Twine. do. do.
6731 Crotolaria tenuifolia fibre. Bolarum. Dr. Riddle.
10 Hemp fibre. Kurnool. Nowab of Banagapilly.
Janapa nar. Kurnool.
5003 Crotolaria juncea. Madras. Mr. Jaffrey.
4015 Hemp. Masulipatam. Veneata Narsing Row.
4086 Hemp rope. Masulipatam. Local Committee.
3891 Janapa. 1 Maund. Rajahmundry. Gunga Reddy.
3892 Hemp 1 maund, Rupees 1-2. Rajahmundry. Ram Reddy.
3893 Hemp 1 maund, Rupees 1-2. Rajahmundry. Sutty Coovoory Sooba Reddy.
3894 Hemp 1 maund, Rs. 1-2. Nursa Reddy.
2440 Hemp. Salem. Condalamputty Chetty.
6857 Janapa nar and rope. Salem. Messrs. Fischer and Co.
127 to 129 Janapa fibre, rope and gunny. Tinnevelly. Valun chetty.
2629 Jaupa. Cuddapa. M. Murray Esq.
3633 Janapa. Cuddapa. Vengul Reddy.
2526 Gunnies. Salem. Local Committee.
6610 Sunn hemp. Hyderabad.
4634 & 4637 Janapa rope. Tanjore. Hurry Row.
6614 Sunn Hemp. S. Berar. Dr. Smith.
5091 Gunny bag of Janapa. Tanjore. Mr. Prudhomme.
1994 Sunnub fibre. Bangalore. Dr. Kirkpatrick.
918 Janapa fibre and string. Vizianagrum. H. H. the Raja of Vizianagram.
2370 Jaupa gunny. Guntoor. L. Paupiah.

Googoo, Poolichay, Ambaree.

(*Hibiscus cannabina.*)

1735 Gogoo fibre. Bellary. Ahobala row.
3009 Pooliehay nar. Bellary. Commissariat.
756 Goga fibre. Chingleput. Streeneevasa Iyengar.
5346 Caseeree nar Chingleput. Armooga Moodelly.
2954 Poolimunjy. (Hibiscus cannabinus) Coimbatore. E. B. Thomas. Esq.
3052 Hibiscus cannabinus fibre. Coimb. Kistniah.
20 Goagoo fibre. Kurnool. Nowab of Banaganapilly.
5702 Googoo nar. Prize product from the provincial Exhibition at Nellore. Revenue Board.
1173 Poolishee nar. Madura. R. D. Parker Esq.
4085 Umbaree rope. Masulipatam. Loc. Com.
2445 Poolacha nar. Salem. Ramasawmy.
6859 & 6860 Poolache nar and rope. Messrs. Fischer and Co. Salem.
3896 Googoo nar. Rajahmundry. L. Ramana.
926 Googoo nar. Vizianagrum. H. H. the Rajah of Vizianagrum.
Googoo Rope Masulipatam.
7042 Pooly munjee fibre Mangalore Padre Probo

9267 Conda Gogu. Cuddapah. William Elliot. Esq.
2369 Googoo nar gunny. Guntoor. L. Paupiah.
6614 Ambara Hemp. S. Berar. Dr. Smith.
Googoo nar. Kurnool.
6610 Ambaree. Hyderabad.
2628 Googoo nar. Cuddapa. M. Murray Esq.

Roselle.

(*Hibiscus subdariffa.*)

8042 Roselle fibre. Chingleput. W. Dowdeswell.
540 Caseric nar. Chingleput. Dr. Ratton.
6614 Roselle fibre and Twine. from N. Berar. Dr. Smith. Hyderabad.
9261 Roselle fibre. Cuddapa. William Elliot, Esq.
1994 Poonrick nar and twine. Bangalore. Dr. Kirkpatrick.

Shoe flower.

(*Hibiscus Rosa Sinensis.*)

539 Sapatoo fibre. Chingleput. Dr. Ratton.
5003 Hib. Rosa. Sinensis. Madras. Mr. Jaffrey
„ do. species, do. do.
„ Hib. Lampas, do. do.
„ Hib. Surateusis, do. do.

Bendee.

(*Abelmoschus longifolius.*)

1980 Vendee fibre. Bellary. R. Buswapa.
2028 Vendee. Bellary. Kumply Tahsildar.
6731 Bendee fibre. Bolarum. Dr. Riddle.
3850 Benda fibre. Rajahmundry. Gopaulachary.
6731 Hibiscus esculentus. Do. do.
7. Benda fibre. Kurnool. Nowab of Banaganapilly
4784 Benda Rope. Masulipatam. Local Committee.
Benda fibre. Guntoor.
7045 Wild Benday fibre. Mangalore. Padre Probo.
7044 Benday fibre. Do. do.
4649 Benday fibre. Tanjore. Hurry Row.
5003 Abelmoschus tetraphylus and Abelmoschus ficulneus fibres. Madras. Mr. Jaffrey.
Bendacoy nar. Rajahmundry.
922 Bendee nar. Vizianagram. H. H. the Raja.

Toothee.

(*Abutilon sp.*)

547 Thootee nar. Chingleput. Dr. Ratton.
5003 Abutilon tomentosum, A. Indica, and A. Indica. Sp. Madras. Mr. Jaffrey.
5003 Sida acuta. Do. do.
5003 Sida Mysorensis. Do. do.
8720 Fibre and rope of Sida acuta. Madras. Dr. Cleghorn. Made at Amherst Jail.
1195 Thoothee. Madura. R. D. Parker, Esq.
Thoothee Guntoor.
3381 Vella thootee nar. Travancore. Loc. Com.

Jute.

(*Corchorus.*)

8584 "Tring-bau" or "Bunkabas" (Corchorus fascicularis.) Moulmein. Captain Benson.
8587 to 8590. Manufactures from the above. do.

Paritium macrophyllum.

8720 "Bunea-bass" or Jute. Rangoon. Dr. Cleghorn.
8585 Paritium titiacerum. Capt. Benson.

Yucca gloriosa.

6731 Yucca Fibre. Bolarum Dr. Riddle.
5003 Yucca fibre. Madras. Mr. Jaffrey.
5003 Yuca aloifolia. Do. do.
530 Caatoo cuttalay. Yucca gloriosa or Adams needle. Chingleput. Dr. Ratton.
1994 & 1995 Yucca fibre and rope. Bangalore. Dr. Kirkpatrick.
4253 Yuccada naru. Bangalore. Kristnasawmy.

Pine apple

537 Pine apple fibre. Chingleput. Dr. Ratton.
6731 Pine apple fibre. Bolarum. Dr. Riddle.
5003 Ananasa sativa fibre. Madras. Mr. Jaffray.
7870 Pine apple cloth. Madras. W. E. Underwood, Esq.
8591 Pine apple fibre cloth. Moulmein. Capt. Benson.
3380 Pine apple fibre. Travancore. Loc. Com.
7036 Pine apple fibre. Mangalore. Padre Probo.
7037 Wild pine apple fibre. do. do.
7050 Bhoot ananaz (?) do. do.
1994 Pine apple fibre. Dr. Kirkpatrick.
916 Pine apple fibre. Vizianagrum.
4630 to 5633 Pine apple fibre rope. Tanjore. Hurry Row.
4707 Pine apple fibre handkerchieves. Do. do.
4705 Pine apple fibre cloth. 3 yds. Do. do.
4704 Pine apple fibre cloth. 4 yds. Do. do.

Urtica pulcherrima.

2462 Kurmunjee fibre and rope made by the Mulkalees on the Shevaroy Hills. Salem. Loc. Com.

Urtica ——— ?

2460 Causercka fibre and rope made by the Mullialees or the Shevaroy Hills. Salem. Loc. Com.

Cucumis.

664 Cucumber fibre. S. Berar. Dr. Smith.

Erythrina Indica ?

3387 Moorooca nar. Travancore. Local Committee.
3397 Mooroocoo coir. do. do.

Helicteres isora.

3060 Helicteres isora. Coimbatore. Kistniah.
5003 Helicteres isora. Madras. Mr. Jaffrey.

Menispermum cordifolium.

1982 Tippateega fibre. Bellary. Kumply Tahsildar.

Poondy.

6614 Poondy fibre. Hyderabad Resident.

Vernonia anthelmintica.

6614 Bitter jeera fibre. North Berar. Dr. Smith.
5003 Vernonia anthelmintica. Madras. Mr. Jaffrey.

Ficus species.

1765 Ragee narah. (Ficus Religiosa.) Bellary. Goolem Tahsildar.
1766 Murree narah. (Ficus Indica.) Do. do.
2960 Atte nar. Coimbatore. E. B. Thomas. Esq.
5003 Ficus religiosa. Madras. Mr. Jaffrey.
9044 Burmese paper made from the bark of the "My-oung-bain" (ficus species.) Pegu. Dr. Brandis.
1758 Konda joovee nar. Bellary. Ahobala Row.
Arasa fibre. (Ficus Religiosa.) Rajahmundry.
Aulama nar. (Ficus Indica.) do.
Atty nar. (Ficus Racemosa.) do.
Muree nara. (Ficus Indica.) Vizianagrum.
3382 Aalum nar. Travancore. Local Committee.
3388 Kul Aalum nar. do. do.
6960 Ficus Religiosa fibre or Arasa nar, prepared by beating scraping and steeping in cold water. Tranquebar. H. Nott, Civil Surgeon.
6961 do. in hot water, do.
6963 Rope from do. do.

Bambusa species.

9004 Burmese paper made from the bark of the "Mhinwa" (Bambusa species.) Pegu, Dr. Brandis.

Acacia bark.

1761 Nulla toomah fibre. (*A. Arab.*) Bellary. Ahobala Row.
1762 Bodda-jalee *(Acacia sp.)* Do. do.
1758 Tella toomah fibre. *Aacia leucophlea)* do.
2961 Caroovala nar. (*A. Arab.*) Coimbatore. E. B. Thomas Esq.
1197 Karoovala nar. Madura. R. D. Parker Esq.
1189 Vel-vaila nar. Do. do.
8265 Nar or "Bast." from the *Acacia robusta* a large Cape tree. Common on the Neilgherries. In Jany. last I first used this bark and it has since been in use in these gardens for all the purposes to which Russian bast is applied in gardens in Europe. The material is strong, very tough, durable and pliable when wetted. No. 1 is a specimen of the bark fresh from the tree. No. 2 is prepared for tying plants, and No. 3 for twisting into rope. This material can be procured cheaply and in large quantities as the trees when cut down throw up numerous young shoots to the height of 6 to 12 feet in the year. The bark of this tree is also a powerful tannin. Ootacamund. Mr. McIvor.
Velvaila Bark. Guntoor.
1746 Wild soap nut. (Acacia concina or Mimosa abstergens.) Bellary. Ahobala Row.
3061 Vilvala nar. Coimbatore. Kistniah.
3062 Karoovala nar. do. do.

Azidirachta.

1986 Margosa tree fibre. Bellary. C. Buswapa, Tahsildar of Kumply.
13 Yapa fibres. Kurnool. Nawab of Banaganapilly.
4091 Vapee rope. Masulipatam. Local Com.
2034 Margosa fibre. Tahsildar of Kumply.
13 Azadirachta Indica fibre. Kurnool. Nawab of Banagnapilly.
1757 Naraypa fibre. Bellary. Ahobala row.
Yapa nar. Kurnool.

Sterculia.

8624 Nar or "Bast" from a species of Sterculia. Common in Wynaud at the higher elevations. The bast is as durable as the ordinary Russian, but inferior to the best Russian bast. Ootacamund. Mr. McIvor.

Urena Lobata.

8720 Fibre and rope of Urena lobata made at Amherst Jail. Dr. Cleghorn.
8583 "Kai-sai-nai" fibre. (Urena Lobata) or wild mallow. The plant is soaked in water for about nine days, then beaten thoroughly, cleansed and dried. Moulmein. Capt. Benson.

Caryota urens.

3392 Sago palm fibre. Travancore. Loc. Com.

Cordia Obliqua.

541 Naroo-vallay fibre and rope. Dr. Ratton.
5345 Naroo-vally. Chingleput. Armooga Mdly.
5003 Cordia obliqua fibre. Madras. Mr. Jaffrey.

Lepurandra Saccidora.

(*Antiaris saccidora.*)

8266 A Curamber sack from the Wynaud Jungle. This is merely the bark of a large and common jungle tree "Chundul" (*Lep. Saccadora*) which is beaten until the reticulated fibres of the inner bark begin to give way, the bark is then stripped off entire, the outer bark rubbed off, and the inner sown up at the bottom with thread made of the fibres of the Pimelia. This fibre is procurable at a cheap rate and in any quantity. The wood is said to be good, and is of a gigantic size and very common. Ootacamund. Mr. McIvor.
2320 Bark bag. Paradenia. Ceylon. Mr. Thwaites.
Do. Rajahmundry.
2846 Bark of the Marapoora tree with leaves and branches of the same. Malabar. Mr. Bassano.
3600 Bark bag. Travancore.
7053 Gujay tree bark. Mangalore. Padre Probo.
Arran-gelly tree bark.

Chella.

(*Strychnos potatorum.*)

2678 Chilla tree bark. Malabar.
Ramoony mara. ?
Chellay fibre. Guntoor.
1760 Konda Chelly. Bellary. Ahobala row.
7043 Chelleh tree. Mangalore. Padre Probo.

Cus-cus.

1476 Cus-cus. Bellary. Local Committee.
3127 Cus-cus. Coimbatore. Kristniah.
5341 Cus-cus. Chingleput. Armooga Modelly.
542 Vettie vayr. Chingleput. Dr. Ratton.
Cus-cus. Madura.
6610 Cus-cus. Hyderabad. Capt. Davis.
670 Cus-cus. Chingleput. Moothun.
4253 Lamancha. Bangalore. Kristnasawmy.

Phrynium dichotomum.

8719 Phyrnium dichotomum, used in Burmah for making mats. Dr. Cleghorn.

Moodooga.

(*Butea Frondosa.*)

Moodooga nar. Guntoor.
Moodooga nar. Rajahmundry.
4154 do. do. Teroor.
6610 Pullas fibre. Gudgwall. Hyderabad.
6610 Pullas bark. Hyderabad.

Odina wodier.

1764 Voddy nar. Bellary. Ahobala Row.

Pongamia glabra.

1755 Kanaga fibre. Bellary. Ahobala Row.

Morinda Citrifolia.

1984 Madee-chettoo. Bellary. C. Basawapa.
1755 Kanaga or Morinda citrifolia fibre (? ?) Bellary. Abobala Row.

Custard apple.

1763 Seetaphul fibre. Bellary. Ahobola Row.
5003 Anona reticulata. Madras. Mr. Jaffrey.

Bonduc nut.

1730 Kude-chicka fibre. Bellary. Ahobala Row. (*fine white*).
3065 Kulichi. Coimbatore. Kistniah.

Cissus quadrangularis.

1983 Nullaroo fibre. Bellary. C. Buswapa.
Perundai fibre. Guntoor.

Paritium Macrophyllum.

8720 Fibre and rope of Paritium macrophyllum. from Amherst jail. Dr. Cleghorn.

Isora corylifolia.

Valamboori tree. Guntoor.
3960 Valamboori kai. Coimbatore. Kristniah.

Feronia Elephantum.

1192 Vaila nar. Madura. R. D. Parker, Esq.

Bauhinia diphylla.

2437 Autty nar. Salem. Teroomalay Gowd.
1093 Auree nara rope. Masulipatam. Loc. Com.
930 Auree nara. Vizaniagrum. H. H. the Rajah of Vizianagrum.
5751 Auree nara. Bellary. Raidroog Tahsildar.
2347 Auree nar Guntoor. Local Committee.
5344 Autty nar Chingleput. Armooga Mdly.
5003 Bauhinia diphylla. Madras. Mr. Jaffrey.
9263 Aree nar rope. Cuddapah. W. Elliot Esq.
1182 Autte nar. Madura. R. D. Parker Esq.
3063 Autte nar. Coimbatore. Kristniah.
Kaat-attie nar. Guntoor.
Autte nar. Madura.
Autte nar. Rajahmundry. Teroor.
5003 Bauhinia Richardiana, purpurea and tomentosa fibres. Madras. Mr. Jaffray.

Tyloplora Asthmatica.

550 Koorinja nar. Chingleput. Dr. Ratton.

Soymida febrifuga.

2681 Chorakooly. Malabar. Cavary Tahsildar

Parkinsonia.

6731 Fibre of the Parkinsonia. Bolarum. Dr. Riddle.

Grewia.

3064 Tadase or Tchadachee nar. Coimbatore. Kistniah.

Miscellaneous.

8711 Specimens of thistle, (*Argemone Mexicana*) net &c., for manufacturing paper. Nellore. H. Crozier, Esq. "Eight maunds or 200 lbs. of old fishing net with a little chunam and fullers earth require a month for reducing to pulp for paper. When ready, mix a portion of the pulp with water in a cistern, and mould the sheets in the usual way, press them in a screw press and dry singly on a polished chunam wall. Then size and polish with a smooth stone, make into quires and trim. The thistles are reduced to pulp in eight days.
8051 to 8055 Tweeds made with a mixture of Mudar cotton. Chingleput. Dr. Ratton.

COTTONS.

Gossypium, Sp:

1946 American cotton. Bellary. Adwanee Tahsildar. Is cultivated to a limited extent the crops being precarious. Rs. 3 per maund.
1947 Country cotton. Bellary. Local Committee. Value Rs. 2-4-0 per maund. The quantity of land cultivated in fusly 1265 was 1,25,730 acres liable to be assessed at Rs. 1,61,868.
797 Cotton. Chingleput. Coomerasawmy Mdly. Cotton country. 1 pod of the average weight viz. 17 grains. Dr. Ratton.
565 Country cotton and Madar cotton equal parts. Chingleput. Dr. Ratton.
3095 Cotton three sorts. Coimbatore. Kistniah.
6731 Saddle girthing of cotton. Bolarum. Dr. Riddle.
4750 Specimens of American cotton, green-seed cotton, Cuddapah cotton, and Bellary cotton, all grown at Tripagooly in Conjeveram. Madras. W. Haydon.
6616 Thirteen specimens of cottons. Hydrabad.
6616 Prize cotton. Hydrabad.
5089 Cotton 75 tolas. Madras. Major Balmain.
8640 Bourbon cotton 25 lbs. Madras. Coopchund of Tinnevelly.
8641 Bourbon cotton 25 lbs. do. do.
2880 & 1 Cotton. Malabar. Mr. Bassano.
2588 Cotton. Malabar.
4015 Cotton. Masulipatam. Vencata Nursing row.
2682 Cotton. Malabar. Cavary Tahsildar.
9002 Burmese cotton. Pegu. Dr. Brandis.
9003 Burmese cotton thread, do. do.
3897 Cotton, two maunds, Rs. 3-3-2. Rajahmundry. Sutty Ram reddy.

5739 to 5741 Country cotton, cleaned and uncleaned. Prize products from the Guntoor local Exhibition. Revenue Board.
5744 American cotton, red cotton, Nadan and Bourbon cotton. Prize products from the Tinnevelly Local Exhibition. Revenue Board.
5745 Nankeen, do. do. do.
7993 Cotton. Guntoor. Ordinary quality. Madras. H. Tolputt, Esq.
7994 Cotton. Nellore, best, do. do.
7995 Cotton. Nellore, good average, do. do.
7996 Cotton. Nellore, ordinary, do. do.
7997 Cotton. Nellore, inferior, do. do.
7998 Cotton. Bellary, good average, do. do.
7999 Cotton. Bellary ordinary, do. do.
8000 Cotton. Bellary, inferior, do. do.
8593 Pernambuco cotton. This is a sample of cotton and seed, grown in Moulmein from seed obtained long since in a specimen of Pernambuco; it may now be said to be naturalized. A sample of this fetched 6½d per lb. in the home market. It is a kind well suited for Indian cultivation, the seed being easily separated from the fibre. In the vicinity of Moulmein, sufficient cotton is produced for local consumption. Moulmein. Capt. Benson.
6817 Bourbon cotton 5 maunds, Oopum 5 maunds, Ladum 5 maunds, Nankeen 5 maunds. Salem. Messrs. Fischer and Co.
9110 Cotton. Madras. Ameenabanum.
Cotton, eight specimens. Hydrabad.
6616 Prize cotton. Hydrabad. Mr. Bajeat.
6616 Aurungabad cotton. Hydrabad.
Cotton. Hydrabad. Capt. Balmain.
Sea Island cotton. Hydrabad. Kunniah.
4440 & 1 Golconda cotton and seed. Tanjore. Hnrry row.
4542 & 3 Oopum cotton and seed, do. do.
4544 & 5 Landum cotton and seed, do. do.
4556 Saday Parothy, (raw cotton?) do. do.
4549 American cotton, do. do.
4638 to 4641 Cotton ropes of sizes, do. do.
4652 Cotton yarn, 1st and 2d sort, do. do.
3095 Pangry cotton. Rajahmundry.
„ Woopum cotton, do.
„ Parotty, do.
„ Country cotton. Sutty Gunga reddy.
2633 Mauritius cotton. Cuddapa. M. Murray Esq.
2634 Nankeen cotton. do. do.
8413 Bunda cotton from Calcutta. C. Brown, Esq.
5089 Raichore cotton.
5747 Tinnevelly cotton. Coopchund. A prize product from the local Exhibition.
2602 Cuddapa cotton. Cuddapa.
2603 Nankeen cotton, do.
2639 Cotton, do.
4755 Narrow cotton tape. Bellary. Raidroog Tah.
Pegu cotton. Pegu. Dr. Brandis.
7213 to 7216 Cotton rope of sizes. Pondicherry. Parasoorama Chetty.
7172 to 7175 Bundles of twist, do. do.
7171 Twist of Gossypium Religiosum. (Nankeen.) Mr. Magry. Pondicherry.
2517 Eight rolls of cotton thread dyed in pupli chuckay. Salem. Local Committee.
131 Cotton thread. Tinnevelly. Weaver Mootoosawmy.
5192 Red cotton thread. Tanjore. Mr. Prudhomme.
Purple thread. Warungal.
Cotton yarn for weaving carpets from Alpoor Hydrabad.
Cotton yarn for weaving soojness, do. do.
Cotton threads of 3 qualities, do. do.
Cotton threads of colours, red, pink, yellow, scarlet, blue, green and purple, S. Berar.
Black and red cotton threads untwisted, from Nulgoondah.
Black cotton thread from Yelgonda.
Blue thread. Warungul.
Thread of colours from Gulburgah.
(For remarks on an experiment with Col. Low's cotton at Hyderabad see official catalogue.)
Cotton tapes. Warungul.

Bombax Malabarica.

1987 Booraga cotton. Bellary. C. Buswapa.
575 Silk Cotton. 1 pod of the average weight of 90 grains. Dr. Ratton. Chingleput.
576 A Silk Cotton Pod. Dr. Ratton.
567 Silk cotton and Country cotton equal parts. Chingleput. Dr. Ratton.
568 Thread from the same. do. do.
569 Mudar cotton and Silk cotton each one part, Country cotton 2 parts. do. do.
570 Thread from the same. do. do.
2879 Silk cotton. Malabar. Mr. Bassano.

Calotropis.

1988 Zilladoo cotton. Bellary. C. Baswapa.
563 Madar cotton clean from the pod. Chingleput. Dr. Ratton.
565 & 6 Madar cotton and Country cotton equal parts, and thread from the same. do. do.
Madar cotton 4 parts. Country cotton 1 part.
574 Madar cotton and silk cotton equal parts.
575 Madar cotton. 1 pod of the average weight viz. 17 grains. Dr. Ratton.

Nelumbium speciosum.

577 Sample of filaments from the stem of the Nelumbium speciosum. Chingleput. Dr. Ratton.
Nelumbium speciosum fibre. Pondicherry.

Mat grass.

Mats of Pandanus leaf. Travancore. Local Committee. (vide class XXIX.)
Mats of Pandanus leaf. Travancore. Madava Row. (vide class XXIX.)
8719 Mat grass Rangoon. Dr. Cleghorn.
Mat grass. Masulipatam. (Cyperus textilis.)
Mats of various grasses. Pegu. Dr. Brandis.

Hares foot grass.

1989 Jumboo cotton. Bellary. C. Baswapa.

Unclassified fibres.

544 and 545 Kaca poondoo fibre. Chingleput. Dr. Ratton.
3602 Fibres prepared by the Budaghas on the Neilgherry Hills. Coimbatore. Local Committee.
3893 Rush cotton or "Jammoodoody." Rajahmundry. Covory Sooba reddy.
4150 Franse fibre. Masulipatam. Local Com.
4156 Refuse of the fibre called franse narch and madabalem narah. Masulipatam. J. Fraser, Esq.

5166 Fibres. Tanjore. Davasheea pilly. Cloth made at Deodroog.
929 Caroomeerapa. Vizianagrum.
Saddakalanec nara. Bellary. Raidroog Tah.
Chembaga nara, do, do.
7039 Cooroondooty nara. Mangalore. Padre Probo.
2873 Koorandath fibre. Malabar.
6614 Wild Scourie fibre and twine and gunny. North Berar. Dr. Smith.
6614 Gardeu Seourie fibre and twine. North Berar. Dr. Smith.
6614 Twine from the bark of the Poc plant.
6610 Doodee fibre canvas. Hyderabad. Capt. Davies.
6614 Tat-puttee made by the prisoners in the Jail. Hyderabad.
21 Fibres. Kurnool. Nowab of Banaganapilly.
17 Cripper do.
2677 Annakolly. Malabar. AnunthiyerPutten. Tah.
2845 Pauchee tree. Malabar. (*Diospyros.*)
2847 to 2850 Fibres and branches of the Tronie, Chatachee, Wypura and Warnakaad trees. Malabar. Mr. Bassano.
2867 to 2873 Fibres and branches of the Vena, Choera, Chorakul, Vellakolly, Anakolly, Kavool and Koorandote trees. Malabar. Mr. Bassano.
2684 Vena, Vellakolly, Annakolly, Chorakolly, Kawla, Chir and Kooroondooty fibres. Malabar. Cavary Tahsildar.
925 Cauroobundanum fibre or nar. Vizianagrum. H. H. the Raja of Vizianagram.
Duotoopa nar. do.
7051 Chedday fibre. Sumpagay. Padre Probo.
Plantation fibre. Kurnool.
5751 Fibre from Bellary. Raidroog Tah.
7040 Oorgab fibre. Mangalore. Padre Probo.
937 Ramapholapoo nar. Vizianagram. H. H. the Rajah of Vizianagrum.
3381 Vella-thoulay nar, 3384 Oday nar, 3389 Kyven nar, 3393 Paroovully, 3395 Arcianyinithal, 3398 Mogara, 3399 Arrita caya, and 3400 Coyven fibre canvass. Travancore. Local Com.

Unclassified barks.

1751 Wooloosoo tree (fibre of bark.) Bellary. Ahobala Row.
1756 Narapah tree fibre (of bark.) (*Cordia?*) do.
1757 Kondajoovce (*Ficus?*) fibre (of bark.) do.
1764 Voddy tree fibre of (bark.)
1744 Wild cotton tree, 1754 Pellaurapoo fibre, 1753 Toogalee fibre, 1749 Eggadatur fibre, 1750 Nate-kudtur fibre, 1752 Pedda jaun (*Grewia?*)
1746 Kulekee fibre, 1747 Pulavaranoo fibre, 1740 Chinua jaun fibre, 1759 Konda-rawe fibre, 1760 Konda chella fibre, 1761 Wild cotton fibre, 1762 Booda jaulee fibre. Bellary. Ahobala Row.
1985 Yerra-dasanapoo fibre. Bellary. C. Buswapa.
1981 Tella dasanapoo fibre. Do. do.
6614 Yuecada fibre. Hyderabad. Resident.
6614 Chellay fibre. Do. do.
12 Madoopoo fibre. Kurnool. Nawab of Banaganapilly.
Kitta nar. Rajahmundry. Suttey Gunga-reddy.
9265 Yerra-pullike rope. Cuddapa. W. Elliot.
9268 Konda-putty rope. Do. do.
4146 Navale nar. Masulip. Venkata Nursing Row.
4145 Chelacavoodya. Do. do.
4147 Auvee nar. (*Dillenia?*) Do. do.
Oday nar. Guntoor.
Onalay-ittee nar. Guntoor.
933 Chittum koo loo nar. Viziauagram.
2867 Vena tree fibre.
2686 Venna fibre. Malabar. Cavary. Tahsildar.
2683 Kowlah. Do. do.
4149 Googalap, 4156 Thylesy shrub, 4157 Poodowasanee nar, 4159 Kooroogy nar, 4153 Vellatoo nar, 4155 Pullakey nar, 4148 Thada nar, and 4152 Januy fibre. Masulipatam.
4158 Layegoo fibre. (*Grewia?*) Masulipatam. J. Fraser, Esq.
Jalee nar. Guntoor.
7054 Anavurie fibre. Mangalore. Padre Probo.
Sawagoo nar. Guntoor.
Valaka nar, do.
Auvili nar, do.
7054 Anaithwa fibre. Mangalore. Padre Probo.
930 Adda-narah. (*Bauhinia Patelii?*) Vizianagrum.
935 Lolooga nar, (*Pterospermum Heynii?*) do.
934 Badrashee narah. (*Careya arborea?*) do.
920 Khoombee nara.
7049 Mullaly. Mangalore. Padre Probo.
7048 Kenny fibre. do. do.
Fibre from Pegu.
2640 Ethanara. Guntoor. (*Phœnix sylvestris?*)
Auvee nar. Guntoor.
4090 Talasee nara. Masulipatam. Local Com.
4096 Navaree nara, do. do.
4095 Viltulla nara, do. do.
4089 Moothoomoolaka, do. do.
4092 Tanee nara. do. do.
4084 Madamalamee nara. Masulipatam.
4094 Palakee nara, do.
4088 Frans nara, do.
9270 Golatara nar. Cuddapa. W. Elliot, Esq.
9269 Goompenee nar, do. do.
9264 Dood ippa nar. Cuddapa. W. Elliot, Esq.
6616 Booda thurnanah, Booda thuddy hemp, Dupta hemp, Apah bark, Thur nar, Thupsee nar, Yerkee nar, Goovee nar, Palkee nar, Appee nar, Dhanum nar, and Jubbul nar. Hydrabad.

MOULMEIN.

(Capt. Benson, S. A. C. G.)

8558 Thain-ban-sho.
8559 Shoo-nai. (or "red wood.")
8560 Shooay-pen (or "white wood.")
8561 Shooay-nakoa (or "forked leaf.")
8562 Oa-shooay (or "thick skin.")
8563 Tha-na.
8564 Noung pain.

The fibres from the under bark of these trees is extensively used by the Burmese for making ropes. Nos. 8558, 9-60, and 62 produce a strong and durable fibre, the ropes manufactured from which are used as cables for Chinese Junks and other Native vessels.

No. 8558 has been employed in making head ropes, nose ropes &c., for the Commissariat Bullocks, at least 800 head of cattle have been so supplied by the departmental servants. A specimen is forwarded.

8583 Kai-sai-nai fibre (Urena lobata) or wild mallow fibre. The plant is soaked in water for about nine days then beaten, thoroughly cleansed and dried. The large carpet is made from this fibre dyed with the raw products of the province.

8584 Tring Baw or Buukabas (Corchorus fascicularis.) Allied to the plant yielding Jute.

8587 to 8590 Manufactures from the above plants.
8591 Pine apple fibre table cloth.
8592 Variety of Cotton articles (of Jail manufacture)
8593 Pernambuco Cotton (see Cottons.)

5003 Most of the specimens of Mr. Jaffrey's series of fibres will be found under their respective heads, the list however is here given in full.

Abelmoschus tetraphyllus.
Do. ficulneus.
Eriodendron anfractuosum.
Crotolaria juncea.
Abutilon tomentosa.
Do. Indica.
Do. sp.
Cordia obliqua.
Thespesia populneus.
Althea rosea.
Borassus flabelliformis.
Pandanus moschatus.
Agave Americana.
Yucca gloriosa.
Calotropis gigantea.
Sida Mysorensis.
Fourcroya gigantea.
Hibiscus rosa sinensis.
Do. sp.
Do. lampas.
Hibiscus Suratensis.
Guazuma tomentosa.
Helicteres Isora.
Sida acuta.
Spathodea adenophylla.
Erioloena Candollea.
Gmelina arborea.
Turnera trioniflora.
Cocos nucifera.
Musa sapientum.
Sanseviera Zeylanica.
Agave Americana minima.
Do. do. variegata.
Bauhinia Richardiana.
Do. purpurea.
Do. diphylla.
Do. tomentosa.
Anona reticulata.
Ficus religiosa.
Uvaria longifolia.
Adansonia digitata.
Sterculia alata.
Yucca aloifolia.
Ananassa sativa.
Vernonia anthelmintica.
Thevetia neriifolia.
Morus Indica.
Tecoma Capensis.
Hoya viridiflora.
Hamelia patens.

COCHIN.

(*Local Committee.*)

The series of fibrous barks from the Cochin local Committee being only labelled with the vernacular names, it has been found difficult to identify them, the list is therefore here given entire.

6864 Karinchala.
6865 Vellachala.
6866 Venthake.
6867 Villpoona.
6868 Kanakaida.
6869 Anahpanna.
6870 Mookynee.
6871 Pandekavalum.
6872 Vellakavalum.
6873 Eddumpery.
6874 Chagunagul.
6875 Velladumboo.
6876 Adumboo.
6877 Kavalanar.
6878 Teak.
6879 Arayanee.
6880 Mullaoorgum.
6881 Nadoonar.
6882 Vakoopolah.
6883 Washoonar.
6884 Arumpooly.
6885 to 6887 Ayanee.

PEGU.

Dr. Brandis. Supt. of Forests.

8979 White mats made of the fibre of the "Thein bein." (Maranta sp.)
8980 Black mats. Do. do.
8981 "Hnee-phia" or bamboo mat.
8982 "Kathorinwa." (Bambusa sp.)
8983 Mat made of fibre of "Zeyait-bein." (Marantocca?) Rangoon.
8984 Mat made of "Thabau-bein." (Pandanus sp.) Rangoon.
8985 Reed mat made of "Kyoo-bein. (Arundo sp.)
8986 Stems of "Kyoo bein." (Arundo sp.)
8987 "Phah" or Burmese basket made of "Thanbein" or Palmyra leaf.
8988 "Tabiaih-zee" or Burmese broom made of the stalks of the Cocoanut leaf.
8989 "Khamaoo" or Burmese cooly's hat made of the sheaths of the "Wahbau" or large bamboo. (Bambusa gigantea.)
8990 "Paia-jouet" or blank book made of the leaves of the Corypha sp.

ROPES AND FIBRES FROM FORT ST. GEO. ARSENAL.

(The following ropes made of Indian fibres belong to Class xiv, but are here enumerated to illustrate the uses of the raw material, their breaking weights will be shown in that Class.)

Ropes received from Bangalore and tested in the Arsenal of Bangalore in November 1856.

5578 Rope, Country, 3¼ Inch, tarred made from Pooty Mungem (*aloe*) 12½ yds.
5580 Rope country 3½ inch made from Country Aloes or Cuthala nar 22 ,,
5581 ,, ,, 2 in. Janapei nar 22 ,,
5582 ,, ,, 2½ ,, 34 ,,
5583 ,, ,, 1 Cuthala nar 17 ,,
5584 ,, ,, ¾ ,, Marool 17 ,,
5585 Line Log Country Marool 7 ,,

Rope received from Secunderabad and tested in the Arsenal of Fort Saint George, in September and December, 1856.

5586 Rope Hingolee Sunn Fibre 4½ Ins. 89½ yds.
5587 ,, Ellichapore Burroo ,, 4½ ,, 40½ ,,
5588 ,, ,, Umbaree ,, 4 ,, 43 ,,
5589 ,, Hingolee Sunn tarred ,, 3½ ,, 102 ,,
5590 ,, ,, ,, ,, 3½ ,, 27$\frac{21}{56}$,,
5591 ,, ,, Umbaree ,, 3¾ ,, 30 ,,
5592 ,, ,, ,, ,, 3½ ,, 27 ,,
5593 ,, Ellichapore ,, ,, 3½ ,, 44 ,,
5594 ,, Hingolee Sunn ,, 3 ,, 27 ,,
5595 ,, ,, ,, ,, 2½ ,, 43 ,,
5596 ,, ,, Umbaree ,, 2½ ,, 47 ,,
5597 ,, Ellichapore ,, ,, 2½ ,, 42 ,,
5598 ,, ,, Puharree ,, 2½ ,, 42 ,,
5599 ,, Country Sunn ,, 2 ,, 37½ ,,
5600 ,, ,, ,, ,, 2½ ,, 52 ,,
5601 ,, ,, ,, ,, 2½ ,, 53 ,,
5602 ,, ,, ,, ,, 2 ,, 53 ,,
5603 Specimen of the Sunn Fibre 1¼ lbs.

Ropes, Country, Experimental, received from the Arsenal, of Secunderabad.

7514 Country, Sunn Fibre 4½ Inch. yards 50
7515 ,, ,, ,, 3¾ ,, ,, 50
7516 ,, ,, ,, 3¾ ,, ,, 53
7517 ,, ,, ,, 4½ ,, ,, 51
7518 ,, ,, ,, 3½ ,, ,, 56
7519 ,, ,, ,, 2½ ,, ,, 45
7520 ,, ,, ,, 3½ ,, ,, 63
7521 ,, ,, ,, 3 ,, ,, 53
7522 ,, ,, ,, 3 ,, ,, 52½
7523 ,, ,, ,, 1 ,, ,, 53
7524 Country Hingolee Ambaree Fibre 4½ ,, ,, 50
7525 ,, ,, ,, 3 ,, ,, 51
7526 ,, ,, ,, 4½ ,, ,, 51¼
7427 ,, ,, ,, 4 ,, ,, 53
5728 ,, ,, ,, 3 ,, ,, 52
7529 Specimens of Hingolee Ambaree fibre.
7530 Do. do. Sunn fibre.

SECTION VI.

CELLULAR SUBSTANCES, ETC.

Arca Javanica.

1990 Condapendu chettoo. Bellary. C. Buswapa. Used to stuff pillows.

Aeschynomene aspera.

190 Shola peeled. Trichinopoly. Thayoomana. Shola.

SECTION VII.

TIMBER AND ORNAMENTAL WOODS.

Acacia amara.

(Oonjel, Naralinga, Sikkiri, Usila.)

3032 Vella-onja marum. Coimbatore. Kistniah.

Acacia Arabica.

(Babool, Curoovaila, Nella tooma.)

3017 Acacia Arabica. Coimbatore. Kistniah.
1252 Acacia Arabica. Madura. R. D. Parker, Esq. 5 specimens.
Babool. Hydrabad.
Acacia Arabica. Pondicherry.
A wild tree. The wood serves for the fabrication of agricultural implements and its bark for tanning. The leaves we used in medicine and it yields a kind of gum in abundance.

Acacia catechu.

(Kheir, Wodally.)

Kheir. Hydrabad.

Acacia leucophlæa.

(Velvaila, Keekur, Tella tooma.)

Acacia Leucophlæa. Pondicherry. Mr. H. de Querret. The wood is used in building huts and the bark in the distillation of "arrack patté"

Acacia odoratissima.

(Karoo-vaugai, Chella oonjel.)

3008 Chala-oongel. Coimbatore. Kistniah.
2708 Caroo-venga. Malabar. Collector.
1254 Vaugai wood. Madura. R. D. Parker, Esq.
322 Karoo-vaugai wood. Paulghaut. Kristniah.
289 Oonjah tree. Paulghaut. Kristniah.

Acacia speciosa or serissa.

(Velvaugai, Dirisana.)

Cattu-vajei maram. (*Acacia lebbek.*) Pondicherry. Mr. H. de Querret. A cultivated tree but found also in a wild state. The ryots use it largely in the construction of Agricultural instruments.

Acacia Sundra.

(Karungally.)

3031 Acacia sundra Coimbatore. Kistniah.
323 Karungally. Paulghaut. Kristna Chetty.

Œgle marmelos.

(Vilva, Maredi.)

329 Villava wood. Paulghaut. Kristna chetty.
Billavoogoo. Hydrabad.

Alangium decapetalum.

(Alinjie, Akola, Akar-kanta.)

Alangium decapetalum. Pondicherry. Mr. H. de Querret.
A wild shrub. The fruit, leaves, bark and root are used in medicine. A kind of wood oil is extracted from it. The wood is not used in any carpentry.
1251 Alinjee marum. Madura. R. D. Parker, Esq.

Anacardium occidentale.

(Kajoo, Jidi-mamedi.)

Anacardium occidentale. Pondicherry. Mr. H. de Querret.
Found wild and cultivated. Yields *cashew nuts.* The wood is made into packing cases.

Aquillaria agallocha.

(Uggur, Oud-hindee.)

1247 Agil wood. Madura. R. D. Parker Esq.
Amyris Agallocha or Googul, yields dammer. Hyderabad.
2737 Agela or cedar wood. Malabar. Collector. Is used for furniture but found only in high forests. (?)
4254 Agil wood. Mysore. Nursima.

Artocarpus ?

Cutti-pila marum. Pondicherry. Mr. H. de Querret.
A wild tree, used in the country for making Huts. Its leaves are employed in medicine, timber very hard.

Artocarpus echinata.

8282 Kanakytha marum. A large tree very common about Paulghaut and Wynaud, wood apparently not good. Mr. McIvor.

Artocarpus hirsuta.

(Angelie.)

8272 Iny marum. Used about Calicut for making furniture and for building purposes, common on the western Ghats and Wynaud. A large tree. Mr. McIvor.

Artocarpus integrifolia.

(Pillahmarada, Panasa, Alasegana.)

8656 Circular slab of Jackwood 7½ feet diameter. Madras. Messrs. Simpson and Co.
2698 Jack wood. Collector of Malabar. Average price per candy Rupees 4.

8288 Jack wood. Common all over India, used for furniture. Mr. McIvor.
1255 Pillah wood. Madura. R. D. Parker, Esq.
Artocarpus integrifolia. Pala marum. Pondicherry. Mr. H. de Querret.

Azadirachta Indica.

(*Neem, Vepum.*)

3028 Azadirachta Indica. Coimbatore. Kistniah.
307 Bitter neem wood. Hyderabad.
Veppa marum. Pondicherry. Mr. H. de Querret.
"Cultivated and wild. All parts of it applied to medical purposes. The timber is used for carriages."
Neem. Hyderabad.

Bambusa arundinacea.

(*Bhanse, Moongil.*)

8717 Bamboo (a monstrosity) from Rangoon. Dr. Cleghorn.
2984 Bamboos of unusual length between the joints—each single joint measuring respectively 5 feet 9 inches, 4 feet, and 2½ feet. Overseer. Reid. Coimbatore.

Bambusa gigantea.

7938 A single joint of Bamboo forming a bucket. Madras. Capt. Newlyn.

Bassia longifolia.

(*Illupei, Mahowa.*)

8281 Adagoo murum. An ordinary sized tree wood much used on the Malabar side for building. Mr. McIvor.
2717 Illoopoo wood. Malabar. Collector.
Iluppei murum. Pondicherry. Mr. H. de Querret.
"A cultivated tree. From the kernel is expressed a very mucilaginous oil. The timber is used in carpentry and joinery."
Mahowah. Hydrabad.

Bauhinia acuminata.

(*Mandareh, Cuchanar.*)

Vellei madarei marum. Pondicherry. Mr. H. de Querret.
"A wild tree. Is used to make carts. Is fit for large carpentry work. It occurs but rarely in the Pondicherry territory."

Bauhinia tomentosa.

(*Causchena pou, Deva cauchanum, Caat attie, Achay.*)

Caat attee wood. Pondicherry. Mr. H. de Querret.
"A wild shrub, the wood being liable to the attacks of worms, is not used."

Bauhinia variegata.

(*Irkumbalitha.*)

Mandarei marom. (?) Pondicherry. Mr. H. de Querret. 3 specimens.
"Found both wild and cultivated. Used in the country for making Huts. The roots are medicinal. The wood is not hard."
Mandarem. Paulghaut.

Berberis tinctoria.

8270½ Berberis tinctoria. A common shrub on the Neilgherry Hills, said to yield a yellow dye. Mr. McIvor.

Bergera Kœnigii.

(*Kari vepa.*)

Bergera Kœnigii. Paulghaut. Kistniah.

Berrya ammonilla.

(*Halmillila.*)

Savandilu marom. (B. Ammonilla.) Pondicherry. Mr. H. de Querret.
"An introduced tree, with a straight trunk and slender branches. It is employed in the construction of pandals and huts. It serves also for making oars. The leaves are used in medicine for poultices."

Bignonia sp.

(*Padiri, Ooloonanthree.*)

2710 Padree wood. Malabar. Collector. Unfit for buildings used as firewood.
8287 Pathree wood. Stereospermum sp. A large tree common in Wynaud. Wood used for building and making cases. Mr. McIvor.
Padiri marum. (Bignonia Chelonides.) Pondicherry. Mr. H. de Querret.
"A cultivated shrub, found also in a wild state. It is used in the construction of ploughing instruments and wheels. The tree attains a great height; the timber is strong and very elastic."

Bignonia xylocarpa.

Vedangooraney. Paulghaut. Kristna Chetty.

Bombax gossypium.

Kongu marum. Pondicherry.
"The wood is made into cases. The silk is rarer and more esteemed for padding than that of *Bombax pentandrum.*"

Bombax Malabaricum.

(*Vide Salmalia Malabarica.*)

Bombax pentandrum.

(*Vide Eriodendron anfractuosum.*)

Borassus flabelliformis.

(*Panna, Tattee.*)

Palmyra from Hydrabad.

Bridelia spinosa.

(?)

3010 Bridelia spinosa. Coimbatore. Kistniah Chetty.

Butea frondosa.

(*Poorsun, Pullas, Dhak, Moduga.*)

3019 Butea frondosa. Coimbatore. Kistniah.
Poorasum. Pondicherry. Appow Modelly.
"A wild tree with large leaves. The fruits are used in medicine, the wood is light."
Pullas. Hydrabad.
310 Poorasa. Paulghaut. Kristna Chetty.

Cœsalpinia pulcherrima.

Mair-konnerei marom. Pondicherry. Appow Modelly.

" The leaves flowers and roots are medicinal. It is of moderate strength."

Cœsalpinia sappan.

(Puttungay, Vuttungay, Bukkum, Tjsam-pangan.)

Sappan wood lbs. 17. Rupees 1-1-8. Malabar. Collector.

Calophyllum Colaba.

2700 Cherroo Poona. Malabar. Collector. Is unfit for building purposes but makes good masts for vessels. Price per tree about Rupees 10.

Calophyllum Inophyllum.

(Pinnay, Poona, Wooma.)

8274 Poona marum. A large tree common on the western ghauts, the wood of which is much used in house and to some extent in ship-building.

365 Poona marum. Paulghaut. Kristna Chetty.

Calophyllum Inophyllum. Pondicherry. Mr. H. de Querret.

" A small tree growing wild. Is not used in carpentry ; the flowers are very fragrant ; the kernels yield an oil fit to be made into soap."

Calyptranthes caryophyllifolia.

(Chota jamb, Nawul, Jamoon.)

Nawul marum. Pondicherry. Mr. H. de Querret. (*See Eugenia.*)

Calyptranthes jambolana.

(Jamboo, Naredoo, Kala-jam.)

Naval marum. Pondicherry. Mr. H. de Querret.

" A tree occurring both cultivated and wild. It is employed in the construction of Huts and hulls of boats. The timber is fit for all carpentry purposes."

Casuarina equisitifolia.

Vengee marum. Pondicherry. Mr. H. de Querret.

" Occurs wild and cultivated. The bark yields tannin and an astringent for medicinal purposes ; it yields moreover a dye the discovery of which is due to M. Jules Lepine first class Apothecary of the Navy at Pondicherry, to whom medals were awarded for this product at the Exhibitions of Paris and Madras. Although the timber is excellent for all carpenters and joiners work it is little used in India."

Cathartocarpus fistula.

(Koannay, Rellie.)

Sarakonnay wood. Pondicherry. Mr. H. de Querret. A wild tree is only used for making furniture and tools.

338 Koona, Paulghaut. Kristna Chetty.

Cicca disticha.

(Nellypouli, Arunelli, Hurfaleourie.)

333 Arynelly. Paulghaut. Kristna Chetty.

Citrus aurantium.

Citrus aurantium. Pondicherry. AppowMdly.

" Cultivated. It is sometimes used in the country for huts. The fruits (oranges) are eaten. The leaves are employed in medicine. The wood is very hard."

Cluytia collina.

(Woadoogoo, Wodesha.)

351 Woodookoo wood. Paulghaut. Kistna Chetty.

2742 Ooddaga. Malabar. Collector.

Cocos nucifera.

3025 Cocos nucifera. Coimbatore. Kistniah.

Conocarpus latifolia.

(Vellai naga.)

3029 Conocarpus Latifolia. Coimbatore. Kistniah.

374 Vellay-nava. Paulghaut. Kristna Chetty.

Coonguilium tree.

(Chloroxylon dupada of Buchanan.)

1263 Coonguilium tree. Madura. R. D. Parker, Esq.

(According to " Wight" this is very nearly allied to Roxburghs *Rhus. Buckiamela*, but distinct.)

Cordia obliqua.

(Naroovellie.)

4819 Naroo-vellie. Pondicherry. Mr. H. de Querret. A wild shrub, serves for no useful purpose.

Cratœva Roxburghii.

Mava-linga wood. Pondicherry. Mr. H. de Querret.

Wild tree, bark, leaves and root used medicinally. The wood is useful for turning.

Dalbergia heterophylla.

Tirani wood. Pondicherry. Mr. H. de Querret.

A wild tree, the wood is said to be used in joinery.

Dalbergia latifolia & D. sissoides.

(D. sissoides.—*Sissoo, Eatty, Vitty, Beety.*)

(D. latifolia.—*Iroopootoo.*)

3005 Dalbergia latifolia. Coimbatore. Kistniah.

2696 Beety or blackwood. Malabar. Collector of Iroopootoo. Malabar. Average price per candy 10 Rupees.

The forests in the S. E. Talooks of Malabar abound with this valuable wood—it is chiefly used for cabinet work for which purpose it is largely exported, the value of such exports are as follows.

In fusly 1261	Rs.	44,810
1262	,,	48,616
1263	,,	51,454
1264	,,	33,670
1265	,,	48,0C0

8296 Beatty or Caroo marum. Blackwood. Dalbergia latifolia, common in Wynaud on opened grass lands, where the tree attains a great size. Mr. McIvor.

Veety marum. Cochin.

1270 Eroopootoo wood. Madura. R.D. Parker, Esq.

Blackwood walking canes. Hydrabad.

1242 Rosewood. Madura. R. D. Parker, Esq.

3030 Caroontagaray. Coimbatore. Kistniah.

327 Beety wood. Paulghaut. Kistniah Chetty.

8577 " Eudyke" (*Dalbergia—?*) Moulmein. Capt. Benson.

(The wood of the Dalb. Lat. is according to Roxb. of a blackish hue and large diameter, it is more

valued than that of the D. Sissoides, which is of a grayish brown with dark colored veins. The terms Beety and Iroopootoo are however frequently employed indiscriminately.)

Dalbergia Sissoo.

(*Nooka marum, Sissoo.*)

Nukka-marum. Pondicherry. Mr. H. de Querret.
"The timber is known by the name of *bith wood* (*bois de bith.*")

Dichrostachys cinerea.

348 Veda-tallah. Paulghaut. Kristna Chetty.

Diospyros ebenaster.

2733 Ebony. Malabar. Collector. Average export for the last five years under Rupees 5,000.
Ebony. 4 logs.
Ebony. Hyderabad.
369 Black wood. Paulghaut. Kristniah Chetty.
Plank of ebony 11 ft. 11 in. long, and from 5 in. to 9 in. broad. Madras. J. Rohde, Esq.

Dodonea Viscosa.

8270 Dodonea Viscosa. Neilgherry hills. Common on the hills, wood elastic and useful for tool handles. Mr. McIvor.
5014 Dodonea viscosa. T. B. Roupell, Esq.

Emblica officinalis.

(*Nelly, Amlae.*)

2732 Nelly wood. Malabar. Collector. Unfit for building.
378 Oondamully. Paulghaut. Kristna Chetty.
Nelli-marum. Pondicherry. Mr. H. deGuerret.
"A cultivated tree. The fruit is made into pickles and used as medicine. When properly seasoned, the timber is serviceable for joinery work and carpentry."

Eriodendrum anfractuosum.

(*Elavum.*)

Ilavane or Bombax pentandrum. Pondicherry. Mr. H. de Querret.
"A tree growing both wild and in a cultivated state."

Erythrina Indica.

(*Moochie wood, Moorookoo, Pen-moorookoo.*)

8278 Kotum vaga. Used for floats by the fishermen, not durable. Mr. McIvor.
Kaleyana moorookoo. Pondicherry. Mr. H. de Querret.
"Cultivated and wild. The wood is made into images, the flowers, fruit and bark are employed in medicine."
2749 Moorookoo. Malabar.

Eugenia caryophyllifolia.

3020 Eugenia caryophyllifolia. Vaga marum. Coimbatore. Kristniah.
Calyptranthes caryophyllifolia. Pondicherry. Mr. H. de Querret.
2748 Nawal marum. Malabar.

Eugenia racemosa.

Nir caddapei marum. Pondicherry.
"A wild tree; occasionally used for large carpentry-work. It attains a great size and serves for pillars and piles."

Feronia elephantum.

(*Vaila, Bilvurthitha, Velluga.*)

3017 Feronia elephantum. Coimbatore. Kristniah.
Feronia elephantum. Pondicherry. Mr. H. de Querret.
"A wild tree yields an abundant supply of a species of gum, like gum arabic. The leaves and roots are used in medicine. The timber is employed for all sorts of carpentry."
820 Wood-apple wood. Paulghaut. Kristna Chettyar.

Ferreola buxifolia.

(*Irumbili or Iron wood, Pishinna.*)

Irumbili marom. Pondicherry. Mr. H. de Querret.
"A wild shrub. The timber becomes brittle by exposure to the sun. The wood is very solid, and is employed for the same purposes as the holly being of a similar size."

Ficus Indica.

(*Banyan, Ala, Alada.*)

3018 Ficus Indica. Coimbatore. Kistniah.
Ala marum. Pondicherry. Mr. H. de Querret.
"Grows wild and cultivated, is employed in the country for making huts. The drops are made into bullock yokes which are very strong. The milky juice is used in medicine."
Banyan drop. Hyderabad.
Ber wood. do.

Ficus racemosa.

(*Atti.*)

3026 Ficus racemosa. Coimbatore. Kistniah.
Atti marom. Pondicherry. Appow Mdly.
"A wild tree, the fruit of which eaten. It yields abundantly a sap supposed to have medicinal qualities and a kind of gum. The wood is carved into images and is very light."
Goolur or Country fig. Hyderabad.
Atte wood. Malabar. Collector.
(It is necessary to avoid confusing the vernacular name (*Atti*) of this tree with that of the Bauhinia diphylla (*Aulli.*)

Ficus religiosa.

(*Peepul, Arasa, Ravi, Rayaman.*)

Ficus religiosa, (arasa marum.) Pondicherry. Mr. H. de Querret.
"A tree found both wild and cultivated, its leaves are used in medicine. It is considered sacred and grows to a large size, the wood is only used for boxes."
Peepul. Hyderabad.

Garuga pinnata.

(*Caroo-vaimboo, Garooga.*)

3009 Curree murum. Coimbatore. Kistniah.

Gmelina sp.

(*Goomadee, Coomy, Coomela.*)

296 Koomeela. Paulghaut. Kistniah Chetty.
Kumili marum. Pondicherry.
"A wild shrub the wood of which is liable to split and is not used."

Grewia tilœfolia.

(*Sadachee or Tchadachee.*)

8277 Thala or Thalatee wood, used for the same purpose as Ben teak for which it is often sold at Calicut. Mr. McIvor.
2723 Taddatee. Malabar. Collector.

Guettarda speciosa.

1259 Punneery wood. Madura. R. D. Parker, Esq.
4255 Punneer wood. Mysore. Kistnasamy.

Hydrocarpus inebrians.

(*Maravuttie.*)

286 Maravuttie. Paulghaut. Kristniah.

Hymenodiction sp.

(H: obvatem. *Yella malakai.* "Wight.")

(H: utile. *Peroonjoolie.* "Wight.")

8292 Saggapoo murum or cedar wood a large tree common all round the foot of the Neilgherries, wood much used and esteemed for inside work such as drawers. Mr. McIvor.
(Trees of this species yield some of the many kinds of wood known under the general name of bastard cedar. "Joolie" appears to be a vulgar name for all woods of this description, the Cedrella toona being called "wunjoolie.")

Inga dulcis.

Manilla tamarind, Seema chinta, Koorgapooli.)

Corgapulian wood. Pondicherry. Mr. H. de Querret.
A wild tree the timber is used for coarse carpentry work. Altho' it possesses the same qualities as the Acacia, it is little used.

Inga xylocarpa.

(*Jumboo, eroovaloo.*)

8716 Inga xylocarpa. Madras. Dr. Cleghorn.
8571 "Pyen kadoe," a hard iron-like wood serviceable for pier posts. Moulmein. Capt. Benson.

Isonandra?

(*Pulee, Pauchoontee.*)

7330 to 7334 Branches leaves &c., &c., of the tree yielding a substitute for Gutta Percha. Tinnevelly. J. H. Levinge, Esq. C. S. (*Vide Section I.*]

Lagerstrœmia microcarpa.

(*Cutchay cuttay, Ventakoo.)*

2701 Venteak. Malabar. Collector.
2755 Nee venteak. Do. do.
8276 Ben-teak, common in Wynaud and the Western Ghats, wood prized for making Coffee cases. Mr. McIvor.
276 Vendaka. Paulghaut. Kistna Chetty.

Lepurandra saccidora.

8295 Netavil murum or chundul. A common tree the most gigantic of all the trees in the Wynaud jungles. The Bark sacks used by the Curambers are made from this tree. Mr. McIvor.
Chendoorum. Paulghaut.

Maclura tinctoria.

8718 Walking stick of fustic wood. Madras. Dr. Cleghorn.
Fustic wood. Madras. Mr. Jaffray.

Mangifera Indica.

(*Maah, mamedi.*)

2714 Mango wood. Malabar. Collector, unfit for building, used for firewood.
Mango wood. Pondicherry. Mr. H. de Querret.
Cultivated tree. Yields the mango fruit; bark employed in medicine; the young shoots and green leaves used by the Brahmins in various ceremonies. The wood serves to make packing cases and trifling carpentry purposes.
300 Mango wood. Paulghaut. Kristna Chetty.
Mango. Hyderabad.

Melanorrhœa usitata.

8565 Theetsee wood. Moulmein. Capt. Benson.

Melia azidirach.

(*Malay vaimboo.*)

Mala-vaimboo. Pondicherry. Mr. H. de Querret.
Grows wild. Used to make Catamarans by the fishermen. Also fit for turning.
1269 Malay-vaimboo. Madura. R. D. Parker, Esq.
3016 Hill neem wood. Coimbatore. Kristniah.
325 Mala-vaimboo. Paulghaut. Kristniah Chetty.

Mesua sp?

(*Nagkasara of Bengal, Naga sumpaghy.*)

8293 Irool marum. Common in the Nelambore Jungles, much used by the natives for building purposes being durable and not liable to be attacked by insects. Mr. McIvor.
316 Eroovool wood. Paulghaut. Kristniah Chetty.
3012 Erool marum. Coimbatore. Kristniah.

Michelia chumpaca.

4258 Chumpaka wood. Bangalore. Kristnasawmy Iyengar.

Mimusops elengi.

(*Magadum, Moogali.*)

Mugadum marum. Pondicherry. Mr. H. de Querret.
"Grows cultivated and wild, its flowers are very fragrant. The wood is employed in cabinet making."
Magadum. Madura. R. D. Parker, Esq.

Morinda species.

(*Noona, Muddee, Munja pavetty.*)

332 Morinda citrifolia. Paulghaut.
Morinda umbellata. Pondicherry. Mr. H. de Querret.
A wild tree. Fruit, leaves root and bark employed in medicine; the roots of a variety not growing larger than a shrub yield a red dye. This is much cultivated in the south. The wood is rarely used except for the sort of water casks called *Mirubadicuttay.*
Morinda tinctoria. Hyderabad.
8571 "Acha." Moulmein. Capt. Benson.

Nauclea cordifolia.

(*Munja cadamba, Daduga.*)

3013 Nauclea cordifolia. Coimbatore. Kristniah.
1249 Munja cadamboo. Madura.
298 Munja cudamba. Paulghaut.
Pussoopoo cadama. Hyderabad.

Nauclea parviflora.

(*Neer cadumbay.*)

3014 Nauclea Parviflora. Coimbatore. Kristniah.
1250 Neercadambay. Madura.
438 Tri-cadambay. Malabar. Collector.

Odina wodier.

(*Oday, Goompina, Anakara.*)

283 Anakara. Paulghaut. Kristna Chetty.
2715 Anakara. Malabar. Collector.
3009 Odina wodier. Coimbatore. Kistniah.
Odia marum. Pondicherry. Mr. H. de Querret.
"A tree growing both wild and cultivated, is employed sometimes instead of mango wood for making packing boxes &c. its wood is weak and light. The leaves serve for food to one of the species of wild caterpillars which produce *Tassah* silk. Planted on the edges of wells it is commonly used as a support for picotahs. The timber is of little use."

Pavetta Indica.

(*Pavetty.*)

Pavetta marum. Pondicherry. Mr. H. de Querret.
"Is only fit for light frames covered with leather."

Phœnix spinosa.

Easa marum. Pondicherry. Mr. H. de Querret.
"A wild tree of the palm family. The timber is not used in carpentry. The leaf-stalks are made into baskets and the leaves into mats. The tree does not exceed 20 to 25 centimetres in diameter."

Phyllanthus multiflorus.

Velpulla. Pondicherry.
"The timber is only used for the handles of tools."

Pongamia glabra.

(*Poonga.*)

320 Kanacum wood. Paulghaut.

Premna integrifolia.

(*Moonay.*)

Pasumunna marum. Pondicherry. Mr. H. de Querret.

Prosopis spicigera.

(*Parumbay.*)

367 Parumba wood. Paulghaut.

Psidium pyriferum.

(*Coaya, Guava, Sebe.*)

Koyamarum. Pondicherry. Mr. H. de Querret.
"A small cultivated tree, the fruit of which is the guava. The wood is used for tool handles."
285 Gova tree. Paulghaut.

Pterocarpus marsupium.

(*Vengay, Yeagasa.*)

3006 Pterocarpus marsupium. Coimb. Kristniah.
8280 Venghy marum. Common all round the foot of the Ghauts, wood much used in building but exudes a yellow dye which discolors the chunam wherever it comes in contact with it. Mr. McIvor.
Venguei marum. (*Pter: bilobus.*) Pondicherry. Mr. H. de Querret.
"A wild tree the bark of which is medicinal. It is used in common carpentry."
352 Venga wood. Paulghaut. Kristniah.
2705 Venga marum. Malabar.
1243 Venga marum. Madura. R. D. Parker, Esq.
2858 Venga wood. Malabar. Mr. J. D'Rozario.

Pterocarpus species.

8273 Nou or nagoo marum. A very strong and durable wood common on the lower elevations of the Neilgherries, an ordinary sized tree. Mr. McIvor.
8289 Karroo vagoo marum. Very common on the western ghauts, wood strong and durable, much used for building. Mr. McIvor.
8294 Irmbagum marum. Common about Nelambore and in Wynaad, a large tree, wood used in building and for fencing gardens said to be durable. Mr. McIvor. (*Petrocarpus ? ?*)

Pterospermum indicum.

(*Kyabooca.*)

7812 Specimen of Cayabooka wood from the straits of Malacca. Madras. Mr. Deschamps.
7813 specimen of knotted do. Madras. Mr. Deschamps.

Quercus.

8715 Specimen of American oak perforated by the Teredo Navalis from the keel of the Ship "Urgent" Rangoon. Dr. Cleghorn.

Salmalia Malabarica?

(*Silk cotton tree, Poola, Mool elavum, Booraga, Hathian, Salmuli.*)

358 Poola marum. Paulghaut. Kristna Chetty.
3035 Poolay marum. Coimbatore. Kristniah.
8279 Poolee marum. Common about Nelambore where it is used in building. Mr. McIvor.
Bombax Heptaphyllum Mull-elava marum. Pondicherry. Mr. H. de Querret.
"Grows wild and cultivated, furnishes a silk wool for padding, little used. Yields a gum resin. The wood is of no use."
2743 Poola marum. Malabar. Collector.

Santalum album.

(*Shandanum, Gendaga.*)

2587 Sandal wood 8 lbs. Malabar. Tahsildar of Cottyam. The sandal wood exported from Malabar is the produce of Mysore and Coorg and merely passes through this district for shipment. Exported—

In 1261	Cwt.	4,865	Value Rs.	60,183
1263	„	10,095	„	1,27,684
1263	„	8,370	„	1,16,862
1264	„	5,774	„	69,647
1265	„	10,170	„	1,21,491

Sandana marum. Pondicherry. Mr. H. de Querret.
"A wild variety of the Sandal; it has no scent which it probably would have if it was suffered to

grow to maturity. The wood is employed for the same purposes as the true sandal."

Sandal wood. Hyderabad.

2521 Sandal wood. Salem. Streenevasa Chetty.

Sapindus emarginatus.

(*Soapnut, Reetha.*)

8216 Thalay maratho. A small tree common in Wynaad. Wood elastic, strong and durable. Mr. McIvor.

"Manippungun." Sapindus emaginatus. Pondicherry. Mr. H. de Querret.

"A wild tree used in cabinet making, the nuts supply the place of soap for the toilet."

Sapota elengoides.

8271 Sapota elengoides. A large and common tree on the Neilgherries, wood strong and elastic, and like the hawthorn bush it burns well when green. Mr. McIvor.

Sarcocca trinerva.

6269 Neilgherry box wood. Very common on the Neilgherries, wood hard and durable might perhaps be used as common box wood in the arts. Neilgherry Hills. Mr. McIvor.

Schleichera trijuga.

(*Poovoo.*)

372 Poovem marum. Paulghaut. Kristna Chetty.

2718 Poowom. Malabar.

Semicarpus anacardium.

(*Mark nut, Shayng cottay, Bheela, Jadichattoo.*)

Semicarpus anacardium. Pondicherry. Mr. H. de Querret.

"A wild tree, the fruit of which is used as a mordant. The wood though of a good description is not used."

Billawa or marking nut. Hydrabad.

295 Mark nut. Paulghaut. Kristna Chetty.

Sethia Indica.

(*Devadarum Semboolinja.*)

4253 Deva-daru marom. The wood of a large tree growing in the woods of Nuggur. A strong and durable wood excellent for Architectural purposes and probably for Ship building. Bangalore.

1267 Davadauri marum. Madura. R. D. Parker, Esq.

Sadara. Hydrabad.

Shorea robusta.

8566 "Enj-gyeen. Moulmein. Capt. Benson.

Soymida febrifuga.

(*Red-wood, bastard cedar, Shem-marum, Choar-kullie, Soymeda.*)

3011 Soymida febrifuga. Coimbatore. Kistniah.

330 Chorookolly wood. Paulghaut. Kristna Chetty.

Sterculia fetida.

(*Penary, Coodira badam.*)

Kuderei pidduku. Pondicherry. Mr. H. de Querret.

"Wild and cultivated. The timber is very weak and only fit for slight cases."

Stereospermum.

(*Vide Bignonia.*)

Strychnos nux vomica.

(*Yettie, Koochla, Musidi.*)

8285 Kunjeeram or poison tree. A small tree very common about Nelambore. Wood strong and elastic, much used for tool handles.

297 Kanjerom. Paulghaut. Kristna Chetty.

Strychnos nux vonica. Pondicherry.

"Grows wild. The fruit, nut, leaves and bark are used in medicine, the planks supply the natives and especially the Mussulmans with tablets on which to inscribe charms and superstitious prayers. The timber is occasionally employed for making tool handles, agricultural implements and naves of wheels."

Strychnos potatorum.

(*Taitan, Judapa.*)

3021 Strychnos potatorum. Coimbatore. Kistniah.

Tamarindus Indica.

(*Poolia, chinta chettoo, Oonara marum.*)

2716 Pooly murom or Tamarind wood. The fruit is used by the natives as an ingredient in their curries, the price is 6 annas per maund.

Tamarindus indica. Poolia marom. Pondicherry. Mr. H. de Querret.

"Found wild and in a state of cultivation, the trunk is made into oil presses. It is also used for washing linen. The timber altho' very common and of large scantling is only used for the presses above mentioned."

366 Tamarind wood. Paulghaut. Kristna Chetty.

Tectona grandis.

3004 Teak. Coimbatore. Kistniah.

8686 Specimen of Teak timber board by the Teredo navalis, from one of the piles of the Jetty at Rangoon. Madras. Col. McCally.

2697 Teak. Malabar. Collector Average price per candy Rs. 15. "This valuable wood is an article of external trade and large local consumption. The Bombay Government draws largely upon this district for teak required for use in the Dockyard. The general demand is so brisk that prices have of late years risen to Rs. 1-8-7 per cubic foot. The value of exports are as follows—

In Fusly 1261......	Rs. 1,63,066
1262......	„ 2,96,364
1263......	„ 1,70,019
1264......	„ 1,45,960
1265......	„ 1,72,976

Most successful operations in Teak planting were carried out by the late Mr. Conolly in the Ernaud Talook and ought to be generally extended."

8290 Kul Teak (Tectona grandis variety.) Found in Wynaud about Sultans Battery, but scarce, considered superior to the common teak. Mr. McIvor.

Tectona grandis. Pondicherry. Mr. H. de Querret "A variety of the well-known teak tree."

Tectona grandis (variety) do. do.

273 Teak. Paulghaut. Kristna Charier.

1241 Teak. Madura. R. D. Parker, Esq.

Sagwan. Hydrabad.

Teak. Mysore. Nursima Iyengar.

Terminalia alata.

(*Caroo-marada.*)

8284 Carroo-marathoo marum, used for the same purposes as Benteak under which name it is frequently sold, common in the Western Ghauts and Wynaud, wood not durable. Mr. McIvor.
Caroo marado. Paulghaut.

Terminalia bellerica.

(*Tanikai, Caat eloopie, Tadi chettoo.*)

3022 Terminalia Bellerica. Coimbatore. Kistniah.
2731 Tany wood. Malabar. Collector. Unfit for buildings, fruit used medicinally.
8291 Thany marum. Common about Nelambore and in Coorg. Wood much used but not durable being liable to be attacked by insects. Mr. McIvor.
291 Thany wood. Paulghaut. Kristna Chetty.
Hala Heppi. Mysore. Nursima Iyengar.

Terminalia berryii.

(*Vellay-marada.*)

Vella maradu. Pondicherry. Mr. H. de Querret.

Terminalia chebula.

(*Kadooka, Pilla-marada, Alari, Karaka chettoo.*)

3015 Terminalia Chebula. Coimbatore. Kistniah.
3730 Kadookah wood. Malabar. Collector. Unfit for building.
334 Kadooka. Paulghaut. Kristna Chetty.
274 Pillamarado. Do. do.
Hulda. Hyderabad.
1245 Kadookai. Madura. R. D. Parker, Esq.

Terminalia glabra.

(*Curry-marada.*)

3007 Terminalia Glabra. Coimbatore. Kistniah.
2703 Caroomaradoo. Malabar. Collector.

Terminalia sp.

8275 Ven-maradoo. Common about Nelambore, tree of large size, wood used in building. Mr. McIvor.

Terminalia tomentosa.

1260 Maroodam wood. Madura. R. D. Parker, Esq.

Thespesia populnea.

(*Poorsunkai.*)

364 Poorasa marum. Paulghaut. Kristna Chetty.
5014 Portia. (*Botanical specimen.*) T. B. Roupel, Esq.

Uvaria longifolia.

Assooga marum. Pondicherry. Mr. H. de Querret.
Grows wild it is one of the most lofty in the territory. It is useful for scaffolding but is rarely worked up for use.

Vateria Indica.

(*Doopa, Piney.*)

Dupa wood. Mysore.

Vitex altissima.

(*Mayela.*)

281 Mayela marum. Paulghaut. Kristna Chetty.
2751 May-elloo. Malabar.

Vitex negundo.

290 Nochy wood. Paulghaut. Kristna Chetty.

Wrightia antidysenterica.

(*Veppaula, Pala.*)

3036 Nerium antidysentericum. Coimbatore. Kistniah.
Connessi or Inder jou. Hyderabad.
Veppalei.

Wrightia tinctoria.

(*Palay.*)

3024 Wrightia Tinctoria. Coimbatore. Kristnah.
344 Neelapala. Paulghaut. Kristna Chetty.
1244 Paulai wood. Madura. R. D. Parker, Esq.
Adeve Paulee. Mysore. Nursima Iyengar.

Zizyphus jujuba.

3034 Zizyphus jujuba. Coimbatore. Kristniah.
Elaudei marum. Poudicherry. Mr. H. de Querret.
"Occurs both wild and cultivated the fruit is eaten by the natives the wood is adapted for turning."
306 Yelauda. Paulghaut. Kristna Chetty.

Miscellaneous.

Walking stick of snake wood and specimen of Turkey box. Madras. Mr. Rhode.
7394 Cone of the cedar of Lebanon grown in England in Lord Corks garden, and brought away by Dr. Kees. Madras. Mr. Avery.

Unclassified woods.

3023 Thuneek-marum. Coimbatore. Kristiah. (A very light wood.)
3033 Calarathi wood. do. do.
3037 Canoopalee marum. do. do.
Kullum. Chitta-atee. Keenee Thogur. Dowardah. Sendah. Bood-kullas. Pangra. Beejasagur. Kaitna. Unjun. Damun. Chillanje. Teewus. Davogoo.—Hyderabad.
4198 Jalagherry. Durdaga. Tare. Basani. Hale. Marade. Gindaga. Densaga. Bitta chella. Manedu. Kavale. Chittali. Chigaredu. Nayadry. Chitta amede. Butacaye. Hasami. Honne. Nullagaya. Anakole.—Mysore. Nursima Iyengar.
Tattei Punguei marum. Pondicherry. Mr. H. de Querret.
"A wild tree, all parts of which are used in medicine. The wood is used for door and window frames. It is solid and lasting."
Catoo poovarasau marum. Pondicherry. Appow Modelly.
"A wild shrub. The wood is used in carpentry and its fruit, leaves and bark are employed in medicine."
Munnei wood. Pondicherry. H. de Querret
"A small cultivated tree, also wild but very scarce the Natives use its leaves for vegetables."
Savandali marum, do. do.

" A wild tree. It attains to a large size and is employed in coarse carpentry and carriage building."

Kavalei marum. Pondicherry. H. de Querret.

" A small tree growing wild, used for handles of tools. The wood does not last and is little used."

Lassaketa, do. do.
Kutti-pila, do. do.
Madurei, do. do.

" A wild tree the wood used for making cases &c., the bark and fruit for medicine."

Catt poovarasa, do. do.

" A wild tree made into agricultural implements. The wood is not very hard."

Poorasane marum, do. do.

8283 Peedoo marum. A small tree, wood used for building, plentiful in Wynaad. Mr. McIvor.

2699 Aynee wood. Malabar. Price per candy Rupees 5.

MOULMEIN.

(*Captain Benson, S. A. C. G.*)

8558 Thain-bau-sho wood.
8559 Shoo-nai (or "red wood.")
8560 Shooay-pen (or " white wood.")
8561 Shooay-nakoa (or "forked leaf.")
8562 Oa Shooay (or "thick skin.")
8563 Thai-na.
8564 Noung pain.

The above are profusely scattered throughout the jungles in the Martaban and Tenasserim Provinces.

8565 Theetsee (Melanorrhœa usitata.)
8566 Enj-gyeen (Shorea robusta.)

These two logs from the Salween river province, Tenasserim, are fine specimens of these woods. The Theetsee varnish is obtained from the former, the grain is close and appears well adapted for blocks, tool handles, furniture, &c.

The Enj-gyeen is stated to be a still tougher wood, stands well in water and is reported to be peculiarily susceptible of petrifaction from the action of the water. Logs have been seen lying on the banks of rivers with the submerged portion petrified, whilst the other part remains sound.

8567 Jack-wood from the Tenasserim Province.
8568 Mountain Jack-wood. These woods yield a yellow dye.
8569 Kaoung-ya [medicinal.]
8570 Thoay-oo-aing [medicinal.]
8571 Pyen-kado [Inga xylocarpa.]

The Pyen-kado is a hard iron-like wood serviceable for pier posts, the bark is used medicinally in the cure of flesh wounds.

8571 [*a*]. Acha [Morinda] abundant used as a red dye.
8572 Theetsin. [Melanorrhœa.]
8573 Tha-ra-bee [McClelland, p. 132]
8574 Pangah [McClelland, page 129.]
8565 Theyah.
8576 Bamboa, used for rice mills.
8577 Eudyke. [Dalbergia.] A good wood for turning.
8578 Thingan [Hopea odorata.] [McClelland, page 136] used for the bottoms of native boats, durable in water, the tree grows to a large size near Tavoy.
8579 Kai yah.
8581 Thoun-talay, most like Thoun-gah. [McClelland, p. 134.]
8582 Theeka.

MASULIPATAM.

(*D. Vencata Narsing Row.*)

(The following woods are in billets about 2¾ feet long by six inches in diameter, but as the Botanical names are not furnished they could not be arranged under their proper heads.)

8846 Bootankooshum currah.
8847 Billoodoo currah.
8848 Tedla-paula currah.
8849 Array currah.
8850 Tookee currah.
8853 Tuda currah.
8854 Wuddee currah.
8856 Waltoory currah.
5857 Cherroomaunoo.
8858 Jittasy currah.
8859 Pedda-vasee currah.
8860 Chanda currah.
8861 Bundaroo currah.
8862 Koreevee currah.

GODAVERY.

The following woods forming a series met with in the Godavery district, are exhibited by Mr. ——, of the Dowlaishwarum works.

1 Teak wood.
2 Dalbergia latifolia.
3 Pasee wood.
4 & 15 Acacia leucophlœa.
5 Caunakah.
6 Yellandah.
7 White Muddee.
8 White Raugoo.
9 Tamarindus Indica.
10 White Muddee.
11 Somanthee wood.
12 Thadah wood.
13, 20, 21, 25, 31 & 34 Muddee.
14 Gang Raugoo.
16 Seereeman.
17 Ravee.
18 Black wood.
19 Yagasee.
22 Uttah.
23 Karakaiah.
24 Toomah.
26 Cumbah.
27 Tangadee.
28 Jittah.
29 Worata.
30 Thogarah.
32 Toomah.
33 Rudrachee.
35 Black wood.
36 Chinthas.
37 Ippee.
38 Billah.
39 White Ippee.
40 Ranga.
41 Satin wood.
42 Mango.

PAULGHAUT.

Kristna Chettiar.

(Most of the following will also be found under their several heads.)

272 Chorigoorom.
273 Teak wood. *Tectona grandis.*
274 Pullamarda.
275 Karoovalagam. *Acacia arabica.*
276 Vendaka. *Lagerstrœmia microcarpa.*
277 Arasa. *Ficus religiosa.*
278 Valagom.
279 Perooutholy.
280 Peeroova.
281 Mayilella. *Vitex altissima.*
282 Aroompoolly.
283 Annacara. *Odina wodier.*

284 Panganny.
285 Goa.
286 Maravetty. *Hydnocarpus inebrians.*
287 Korangapingee.
288 Mambalanary.
289 Eanga.
290 Nochy. *Vitex negundo.*
291 Thany. *Terminalia bellerica.*
292 Parooka.
293 Paragoom.
294 Yeloopa. *Bassia longifolia.*
295 Marknut. *Semecarpus anacardium.*
296 Koomoola. *Gmelina arborea.*
297 Kangerom. *Strychnos nux vomica.*
298 Manga kadumba. *Nauclea cordifolia.*
299 Ala. *Ficus Indica.*
300 Mango. *Mangifera Indica.*
301 Malamanthrom.
302 Chomaren.
303 Palkur.
304 Kullala.
305 Narachy.
306 Yelanda. *Zizyphus jujuba.*
307 Vapa do. *Azadirachta Indica.*
308 Malangarc.
309 Kappunjarce.
310 Porasa. *Thespcsia populnea.*
311 Modalamookindo.
312 Chendoorem. *Lepurandra saccidora.*
313 Theovetty.
314 Adookoopangany.
315 Thavapaula.
316 Eroovool. *Mesua ?*
317 Malookoby Vaga.
318 Oodanally. *Emblica officinalis.*
319 Omethaka.
320 Kanagom.
321 Karavomarda. *Terminalia alata ?*
322 Kodagapala. *Inga dulcis.*
323 Karingally. *Acacia sundra.*
324 Plava. *Artocarpus integrifolius.*
325 Malavamboo. *Melia azadirach.*
326 Wood apple valla.
327 Black Wood. *Dalbergia longifolia.*
328 Ayerpooby wood.
329 Narry villava.
330 Chorookolly. *Soymida febrifuga.*
331 Pathery wood. *Bignonia.*
332 Nanjapaveta. *Morinda citrifolia.*
333 Arynelly. *Cicca disticha.*
334 Kadooka. *Terminalia Catappa.*
335 Vuttapalany.
336 Pelachy.
337 Itty.
338 Konna. *Cassia fistula.*
339 Karella.
340 Oorpenjee.
341 Peechy.
342 Vilvum.
343 Avil.
344 Neelapalla. *Wrightia tinctoria.*
345 Pokavalla.
346 Kannoothinny.
347 Patacheeny.
348 Veduttalla. *Dichrostachys cinerea.*
349 Neermarda.
350 Koomblapadry.
351 Odooya.
352 Vanga *Pterocarpus marsupium.*
353 Karoovapa. wood.
354 Edingell.
355 Vedipavetta. *Pavetta Indica.*
356 Navel. *Calyptranthes jambolana.*
357 Kingedimanthoram.
358 Poolla. *Salmalia Malabarica.*
359 Atty. *Ficus racemosa.*
360 Neerpoolava
361 Ayngolom.
362 Kadamba. *Nauclca.*
363 Karoomarda. *Terminalia alata ?*
364 Poovarasa. *Thespesia populnea.*
365 Poona. *Calophyllum inophyllum.*
366 Tamarind *Tamarindus Indica.*
367 Paramba.
368 Thoombil. *Diospyos Ebenastcr.*
369 Paya.
370 Kangeekota.
371 Kayany.
372 Poovem. *Schleichera trijuga.*
373 Vedenngorata.
374 Vellanava. *Conocarpus latifolia.*

COCHIN.

(The following woods from Cochin are in slabs about 1 foot long by 6 inches broad and two inches thick.—The bark and sap wood having in all cases been carefully retained the specimens are very complete. The Botanical names however not having been furnished it has been found impracticable to enter them under their several heads.—The list is therefore given entire.)

Thakoo. (Tectona.) For ship building and furniture.

Veetee. (Dalbergia sissoides.)—For Tables, Chairs, Cots, Boxes, &c.

Poteny.—Fit for no substantial work.

Mootenvaga.—For door shutters, &c.

Kavalorn.—Fit for no substantial work.

Veemboo.—Receives paint or varnishes easily.

Pàla. (Wrightia tinct.)—Fit for no substantial work.

Ellenhy.—For house building.

Nedoonor.—For temporary sheds and other similar purposes.

Poola.—For boats.

Odoo.—For house building.

Maneemarathoo.—For do. do.

Patheeri. (Bignonia chelonides.)—Fit for no substantial work.

Nalee. (Emblica off.)—Used as Planks on which to raise the stone wall of wells and tanks, as they are preserved by water and are known to have remained under water uninjured for a century and upwards. This wood is also used for Laths and other purposes.

Chera.—Fit for no substantial work.

Oonga. do. do. do.

Ennakeerali.—For wheels of bandies.

Ellamungum. (Eriodendron anfractuosum.)—The bark is more useful than the wood.

Galagapayanee.—Fit for no substantial work.

Polamawa.—For Boats.

Vellakael.—For Casks.

Mullaoorgum.—For house building.

Avala.—For Laths.

Attoo Kayee.—Fit for no substantial work.

Cata Pillava.—Fit for no substantial work.
Choracattee.—For house building.
Payaua. (*Vateria Indica.*) For boats.
Ahtoo Ranhi.—For house building.
Poonga. (Pongamia glabra.)—For house building and other works.
Coomishoo.—For troughs, spouts, &c.
Cahda Keeri.—For posts for scaffoldings.
Chinthoorom.—Fit for no substantial work.
Kaua Kaida.—Used by the Natives for cradles, railings and other work.
Chempelavoo.—For wooden houses, cots, boxes, &c.
Cooni Vaga.—For planks, &c.
Necrmarathoo.—For house building and other works.
Carinthagara. (Dalbergia.)—For do. do. do.
Chcganagul.—For almirahs, palanquins, &c.
Canelpala.—Fit for no substantial work.
Vellatemboo. do. do. do.
Kullala. do. do. do.
Coompalla Patheri.—For common purposes.
Cooroovi.—For flambeaus.
Vembala.—Fit for no substantial work.
Kanagum.—For house building.
Thayvara.—For house building and other works.

(The whole of these woods grow on the Codashery, Palapilly, Parawattauy, Machaad, Chittoor, Pothooudy and Neliampathy Hills, which are distant from 50 to 100 miles from the sea. The soil is generally speaking a rich black mould, they are most of them straight. Logs will be seasoned within one year and Taldoms or Planks within six months, they are procurable in large quantities, and are increasing by self-sown seedlings. Water carriage is available for transmission to the coast.)

MADURA.

R. D. Parker, Esq., Collector of Madura.

1239 Veckauli.
1240 Karoothali.
1241 Teak.
1242 Rose. *Dalbergia Sissoo.*
1243 Vainkay. *Pterocarpus marsupium.*
1244 Paulai. *Wrightia tinctoria.*
1245 Kadooekoi. *Terminalia chebula.*
1246 Gallnut. *Terminalia.*
1247 Agil. *Aquillaria agallocha.*
1248 Madagherry Vamboo.
1249 Manja eadamboo. *Nauclea cordifolia.*
1250 Neer cadamboo. *Nauclea parviflora.*
1251 Alinjee. *Alangium decapetalum.*
1252 Karoovailm. *Acacia arabia.*
1253 Jack. *Artocarpus integrifolius.*
1254 Vangai. *Acacia Odoratissima.*
1255 Pelah.
1256 Iroovettala.
1257 Neycatta.
1258 Earaeally.
1259 Punneer. *Guettarda speciosa.*
1260 Maroodum. *Terminalia tomentosa.*
1261 Kanya.
1262 Pinjuttai.
1263 Navoogary.
1264 Nariveroosoo.
1265 Nedoonari.
1266 Karookoovry.
1267 Davadari. *Sethia Indica.*
1268 Koongiliam. *Vateria Indica ?*
1269 Malayvaimboo. *Melia azadirach.*
1270 Irooppootto. *Dalbergia.*

BURMAH.

Military Board.

5604 Therapee (*Calophyllum longifolium.*)
5605 Teeka-loung-tha or Radal.
5606 Tong-byne.
5607 Penlay-pyoung.
5608 Kanazoo (a forest fruit tree.)
5609 Rannan-tha or Crab tree.
5610 Kya-nau.
5611 Panawah.
5612 Mhu-byke or Sha-bay-kya.
5613 Gongoo or Gangan.
5614 Toungalay.
5615 Bong-long-tha.
5616 Tha-nut-rhee.
5617 Ma-tai-yo.
5618 Rya-mouk.
5619 Pa-ka-than.
5620 Thee-bcw-tha.
5621 Ryezai.
5622 Myouk-sho.
5623 Rye-yo-thoo.
5624 Sowyew or Chissel handle tree.
5625 In-jin.
5626 Theetsce.
5627 Annan-tha.
5628 Thingan
5629 Pyen khadoe.
5630 Mezzalee.
5631 Meēna-ban.
5632 Pouk-tha.
5633 Mai-ray.
5634 Emma-nee.
5635 Saway do.
5636 Thayet-rya.
5637 Chin-zooay.
5638 Than-that.

MALABAR.

(Collector.)

2696 Beety, Black wood or Red wood. 10 Rs. per Candy. (*Dalbergia.*)
2697 Teak. 15 Rs. do.
2698 Jack. 4 Rs. do.
2699 Aynee. 5 Rs. do.
2700 Cheeroo Poona. (*Calophyllum Calaba.*)
This wood is unfit for building purposes—but makes good masts for Vessels. It fetches a price of 10 Rs. per tree.
2701 Venteak. (*Lagerstrœmia microcarpa.*)
2702 Erool. (*Mesua ?*)
2703 Caramaradoo. (*Terminalia glabra.*)
2704 Tallymaradoo. (*Terminalia ?*)
2705 Venga. (*Pterocarpus marsupium.*)
Nos. 2701 to 2705. Used for buildings of minor importance. Their prices vary from 2 to 4 Rs. per Candy.
2706 Cana Kaidah.
2707 Canharah.
2708 Caroovaga. (*Acacia Arabica.*)
2709 Adohkaden.
2710 Padree. (*Stereospermum chelonides.*)
2711 Nhettavalah. (*Terminalia Catappa.*)
2712 Veembah. (*Azadirachta Indica.*)
2713 Kayauee.
2714 Mavo (Mango Tree.) [*Mangifera Indica.*]
2715 Annakorah. (*Odina wodier.*)
Nos. 2706 to 2715. Unfit for buildings but used as firewood and for other common purposes.
2716 Poolly Marom or Tamarind Tree. The fruit is used by Natives as an ingredient in their curries, the average price of which is 6 Annas per Maund.

2717 Irripa. (*Bassia longifolia.*)
2718 Paowom. (*Schlœgeria trijuga.*)

These two woods are unfit for buildings, but lamp oil is extracted from their fruits. The price of the oil does not exceed 4 Annas per Dungaly, (2 secrs.)

2719 Neeratty. (*Hydnocarpus.*)
2720 Changanah.
2721 Chorovenga.
2722 Cooloor Mavo.
2723 Taddatee. (*Grewia tilœfolia.*)
2724 Carintagarah. (*Cassia tora ?*)
2725 Caat Vapoo. (*Melia Azadirach.*)
2726 Poonah. (*Calophyllum inophyllum.*)
2727 Potan vagu. (*Dalbergia sp.*)
2728 Nemeny Vagu.
2729 Coomeyoo.

Nos. 2720 to 2729. Unfit for buildings. The bark of No. 2722, when steeped in water, produces a vicious substance, which is mixed with chunam for building purposes.

2730 Cadookah, (*Terminalia Chebula.*)
2731 Tany. (*Terminalia Bellerica.*)
2732 Nely. (*Emblica officinalis.*)

Nos. 2730 to 2730. Unfit for buildings, but the fruits are used for medical purposes and fetch small prices.

2733 Camoorom or Ebony. (*Bauhinia tomentosa.*)
2734 Paynavoo.
2735 Man Doruguy.
2736 Veyah.

Nos. 2733 to 2736. Generally unadapted for any building, but No. 2734 which is seldom procurable, is used in common work.

2737 Agela or Cedar Wood. (*Aquillaria agallocha ? Hymenodicton ?*)

This wood is useful for furniture, but is found only in high forests.

2738 Trikadamboo.
2739 Arampoollie.
2740 Checny.

Nos 2738 to 2740. Fit for common purposes only.

2741 Payanah.

Fit for common purposes only, but the fruit is useful and fetches a small price.

2742 Odoonah. (*Clutya collina.*)
2743 Polah. (*Salmalia malabarica.*)
2744 Tavallah Marom.
2745 Poddy Anny or Oopooty.
2746 Kallantallah.
2747 Poollah.
2748 Nhaval. (*Eugenia caryophillifolia.*)
2749 Moorookoo. (*Erythrina Indica.*)
2750 Peral.
2751 Mayl Elloo. (*Vitex altissima.*)
2752 Atce. (*Ficus racemosa.*)
2753 Araal.
2754 Plasha.
2755 Nee Benteak.

Nos. 2742 to 2755. Fit for common purposes only.

2756 Irimbagom.

This is a very strong wood. From its hardness it requires much labor to work it up. It is heavy and sinks in water. It is very useful for building purposes and its price like that of Jungle wood, is only 3 or 4 Rs. per Candy.

SECTION VIII.

ANIMAL SUBSTANCES AND SPECIMENS OF NATURAL HISTORY.

Wool.

1948 Merino wool. Bellary. Local Committee.
1949 Country sheep wool. Bellary Nagojee.
813 & 814 Merino wool. Chingleput. Mr. Fitzgerald (2 bags.)
5308 Merino wool, ash colour. Chingleput. Armooga Mdly.
5309 Merino wool, yellow. Chingleput. do.
3096 Wool. Coimbatore. Kistniah.
2418 Black wool. Salem. Teeroovengada odian.

Samples of black and white wool and thread spun therefrom. Hydrabad.

4091 & 4092 Wool. Salem. Messrs. Fischer and Company.

Wool from various parts of the world exhibited by the Chamber of Commerce.

			s.	d.
5891	Australian Sydney clothing fine	per lb.	2	5
5892	Do. do. inferior	„	1	6½
5893	Do. Van Dieman's land combing		2	3
5894	Do. Good port Philip	„	2	4
5895	Cape of Good Hope superior	„	2	0
5896	Do. inferior	„	1	5½
5897	Port Philip Greasy	„	1	1½
5898	German, very fine, a cabinet sample,		5	0
5899	Do. fine	„	4	0
5900	Do. not so fine	„	3	3
5901	German wool, medium	per lb.	2	8
5902	Portugal in grease	„	0	7½
5903	Peruvian alpaca,	2-4 to	2	8
5904	Constantinople goats, good	„	2	10
5905	Russian merino Moscow,	„	2	8
5906	Do. Odessa (brook washed)	„	2	0
5907	Do. Amskoi good	„	0	10
5908	Italian skin	„	1	6
5909	Egyptian	„	1	1
5910	Buenos Ayres scoured	„	1	6
5911	Do. common	„	0	7½
5912	S. American Vicuna	„	6	7½
5913	Bussorah	„	1	0
5914	East India good white	„ 1 to	1	1
5915	Do. yellow	„	0	11
5916	Do. brown	„	7*d.* to 8*d.*	
5917	Do. black	„	7*d.* to 8*d.*	
5918	China Shanghae	„	7*d.* to 8*d.*	
5919	Cashmere white	„	2	4
5020	Do. colored		2	2

Silk.

Silk is not produced in the Bellary district, but is imported from other parts and manufactured in almost all the towns of Bellary.

3066 to 3070 White, red, yellow, pink, and green silk threads. Coimbatore. Kistniah.

6617 to 6620 Yellow, orange and red silk thread. Hyderabad. Captain W. D. Taylor, Deputy Commissioner.
8593 Silk. Moulmein. Captain Benson.
2443 Cocoons silk. Salem. Local Committee.
2507 Raw silk 1st sort 56 Tolahs Rs. 2½—2nd sort 24¼ Tolahs, Rs. 2-7-6. Salem. Local Committee.
4242 to 4248 White, Yellow, Green, Black, Purple, and rose colored silk threads. Mr. Xavier. Toomcoor.
4241 Silk cloth. do. do.
1976 Muddoor silk. Rs. 2¼ per seer. Mysore. Captain Clerk.
White, saffron, red, green and purple silk thread. Chingleput.
8701 to 8705 Saffron, black, green and white silk thread. Chingleput. Ramasawmy.
2402 Black, purple, green, yellow, saffron, red scarlet, and straw colored silk threads. Salem. Saishoy Chetty.
2519 Silk red dyed with lac. Salem. Loc. Com.
2518 Silk dyed yellow with Kapeela do.
5291 Silk. Vellore.
Goolburgah silk thread, scarlet, yellow, saffron. Hydrabad.

Hurry Row, Tanjore.

(Bangalore coloured silk yarns.)

4653 Nimboly dyed yellow silk, Rs. 2-3-6.

4654	Green,	silk yarn,	12¾ tolahs	Rs.		3-5-2
4655	Purple,	do.	12½	,,	,,	3-6-1
4656	Saffron,	do.	12	,,	,,	2-12
4657	Purple,	do.	12½	,,	,,	3-6-1
4658	Red,	do.	12¾	,,	,,	3-5-2
4659	White,	do.	12½	,,	,,	3-10-9
4660	Pink,	do.	12	,,	,,	3-8

(Bengal coloured silk yarns.)

4661	Red,	silk yarn,	12 tolahs	Rs.		3-2
4662	Saffron,	do.	12½	,,	,,	2-13
4663	Nimboly,	do.	12	,,	,,	2-12
4664	Yellow,	do.	12	,,	,,	3-2
4665	Black,	do.	10¾	,,	,,	2-14-7
4666	White,	do.	10½	,,	,,	3-1
4667	Purple,	do.	12½	,,	,,	3-6-2

Madras Chamber of Commerce.

		£.	s.	d.
5925	Silk China Canton per lb.	0	18	0
5926	,, ,, Taysaam,	1	0	0
5927	,, ,, Tsatlee,	1	4	0
5928	,, ,, Tram thrown in England,	1	0	0
5929	,, ,, Biganzine from Tsaltee,	1	8	0
5930	,, ,, do. China,	1	4	0
5931	Italian white novi,	2	1	0
5932	,, Fossombrone,	2	0	0
5933	,, Raw Milan,	1	18	0
5934	,, Carded waste,	0	5	0
5935	,, Waste,	0	7	0
5936	Bengal Sheripaul common,	0	14	0
5937	,, Native fine,	0	17	0
5938	,, Jungypore,	0	17	0
5939	,, Cossimbazar.	0	18	0
5940	,, Bakhur,	1	0	0
5941	,, Tram thrown in England,	1	3	0
5942	,, Rampore,	1	4	0
5943	,, Bash Gonatea,	1	5	0
5944	,, Dowletpore,	1	6	0
5945	,, Commercolly gallempore,	1	7	0
5946	,, Biganzine thrown in England,	1	9	0

7166 & 7167 Yellow and white cocoons of the common silk worm (*Bombyx Mori.*) Pondicherry. Mr. Perrotet.

"*Ordinary method of rearing.* The larvæ are fed with the leaves of the indigenous mulberry, and allowed to form their cocoons in trellis-work baskets. The cocoons are collected on the sixth day after their formation, and the pupa destroyed by heat before the exclusion of the moth. The silk is wound at once. The wound silk contains strands from 5 to 6 Cocoons, the standard is 5 decigrammes.

Properties and qualities. Yields raw silk of various qualities, that is to say the cocoons are rich or poor in silk according to their hardness or softness.

Prime cost. One franc and fifty cents per Kilogramme. *Market value* from 2 franc and 80 cents. to 3 francs per Kilogramme.

Period of obtaining the silk and time of sale. The whole year provided there is a sufficiency of leaves —this insect produces ten generations in one year.

Average crop. Undetermined. It is certainly a scarce article at present, sufficient encouragement not having been yet given to the inhabitants, but the country could produce it abundantly.

7168 Yellow cocoons perforated, from which the moth has been allowed to escape to serve for the reproduction of the species. These are the produce of the ninth, or last but one, generation of 1856. The tenth and last which were reared in December not having yet reached maturity.

7169 White cocoons (perforated) of the same generation as the above. do. do.

7170 White and yellow cocoons (pierced) of the species called *trivoltini*, the produce of the 10th and last generation of 1856. do. do.

7171 Silk twist yellow and white. do. do.

Mode of Manufacture. Wound and twilled with improved French machines.

Peculiar qualities and uses of the silk. Very *nerveuse*, elastic, shining, and losing but little in the dressing it undergoes before dying.

Prime cost 33 francs per Kilogramme.

Market price at Lyons at this time 95 francs per Kilogramme.

Period of Manufacture. The whole year.

Average quantity produced. This is not yet correctly ascertained.

There is as yet only one establishment for this trade in the country and this is but an experiment. If the culture were encouraged amongst the natives a very large quantity of silk could be produced yearly. This branch of trade is an important one for India.

7172 "*Filoselle*" obtained from the pierced cocoons of the silk worm.

Prime cost. 1 franc per Kilogramme.

Market price in Europe from 3 francs to 3½ francs per Kilogramme.

Pretty abundant and easily procured. It is very pretty and lasting and serves for the manufacture of shawls, bonnets, stockings, gloves, &c., is in great demand and much prized in Europe.

7173 Flos silk (bourre de soie) from white cocoons, or the silk obtained from the exterior of the cocoons of the silk worm.

Prime cost. 30 cents or more per Kilogramme.

Market value in Europe. From 2 to 2½ francs per Kilogramme.

Is used in the manufacture of silk hats, gloves, socks, &c.

7174 Flos silk from yellow cocoons, being the first threads spun by the silk worm for the purpose of fixing its cocoon, of which it is in short the outer covering.

Price, &c. Same as the preceding.

7175 "*Frisons*" from yellow cocoons used for making ribbons, shawls and various other articles. *Price* from 80 cents to 1 franc per kilog. *Market value* 3½ francs per kilog. Is produced abundantly and procured as easily as the cocoon.

7976 "*Frisons*" from white cocoons, used for the same purposes as the preceding, value and selling prices the same.

All these outer coverings of the cocoons of the silk worm resemble each other in quality and are prepared in the same way, but the price differs according to their greater or less tenacity. They are all very much prized in France where they are spun after having been carded by machinery.

Tussah Silk.

7177 Raw and spun silk (and gloves knit from the latter) from the cocoons (pierced) of the larva feeds which on the leaves of the *Odina Wodier*.

Mode of manufacture. Cocoons softened in a solution of potash or common wood ashes, taken out picked, and immediately spun without being either combed or carded. Gloves are then knit from the thread thus obtained.

Peculiar qualities and uses of the silk. Exceedingly strong, tenacious, elastic and brilliant, cloth could scarcely be made of this product however because the substance is so hard, that after one or two washings it would be too rough for use.

This new source of industry which has been created in this part of India will doubtless prove of much value.

The insect is not at present generally reared, it being found in a wild state. Attempts to rear this animal in a domestic state which have been quite successful, have proved that four generations can be produced yearly, and that the cocoons yield raw silk of excellent quality.

7178 Raw and spun silk, of the *Bombyx mylitta* which feeds on the leaves of various trees, viz., the *Terminalia Catappa*, *Sizygium Jambolanum*, *Zizyphus, &c.* Pondicherry. Mr. Perrottet.

Mode of Production. This worm is not yet reared, but it is only found in the wild state. Should it however be regularly domesticated, it will prove of vast importance to the country and to those who shall first attempt its culture.

Peculiar qualities of the product. The small skein which we exhibit has been spun like that of the *Odina Wodier*, with a spinning wheel on a new principle, without the material having been previously combed or carded, and being consequently in a raw state.

The cocoons wind into skeins excellently and produce the silk called "Tussah" which, as is well known, is exceedingly *nerveuse*, tenacious, elastic and brilliant, important qualities, which are generally sought for in materials for textile fabrics in every country. The larva will be the more easily reared from the fact of the trees on which it feeds growing wild and yielding leaves throughout the year.

We have ascertained that the Bombyx mylitta which yields this silk, reproduces itself four times a year, we are at the present time rearing a quantity of these larvæ.

Cocoons of the larva feeding on the *Sizygium jambolanum.* (Tussah.) Pondicherry. Mr. Perrotet.

Cocoons of the larva feeding on of the *Odina wodier* (false tussah.) do. do.

8298 to 8300 Tussah silk. Ootacamund. D. Ross, Esq.

Tussah silk [the produce of the Atlas moth.] Abundant at Moulmein. Capt. Benson.

Red, yellow and undyed Tussah. Hydrabad.

Horns and Antlers.

2768 Bisons Horns 6 pairs. Rupees 6. Ramoony Marar. Tahsildar of Ernaud.

2769 Stag horns 1 pair. Rupees 1. Tahsildar of Cawaye.

2855 Deer horns. Malabar. Mr. Bassano.

2874 Elk horns, do. do.

2875 & 2890 Spotted deer horns, do.

2882 & 2884 Bison's horns, do.

4071 Spotted deer horns. Masulipatam. Vencata Narsing Row.

4179 Four Stag horns, and 4180 Four antelope horns. Masulipatam. Vagoo Survasa.

Bison horns, with and without skull.

145 Boar's skull, elk horns, Ibex horns, stag-horns, spotted deer horns from. Salem. Meeran. jee-miah.

2352 Antelope horns. Guntoor. Local Com.

Hoofs. Hydrabad.

Boar's tusks. Hydrabad.

4164 Hogs tusks. Vencata Narsing Row.

5047 Buffalo horns. Mr. Burgass.

148 Sambre head.

5046 Sambre head. Mr. Burgass.

2890 Hog deer horns.

Fish maw.

6996 Moolohandy maw. Sampagay. Pedre Probo.

Hairs and Bristles.

4165 Porcupine quills. Venkata Narsing Row. Masulipatam.

Porcupine quills.

1856 Pigs bristles. Malabar.

Do. Kurnool.

Feathers and Down.

4181 to 4183 Feathers. Masulipatam. Voogoo Sursava.

Jays feathers. Hydrabad.

4075 Jays feathers.

2359 King fishers feathers, blue.

Jays feathers. Masulipatam. Bundydoss.

Shells.

5586 Maldive cowries. Madras. Chamber of Commerce.

Shells of sorts. Hydrabad.

1170 One Moo-chank 35 Rupees. Madura. Aroonachellum Chetty.

1171 Ten common chanks Rs. 1-4-0 do.

1172 Ten polished Do. Rs. 1-14-0 do.

Tortoiseshell.

Turtle shells. Hydrabad.
Tortoise shells, do.
164 & 168 Tortoise shells. Tinnevelly. Meeranjee Miah.

Ivory.

2771 Elephant tusk 50lbs. Price 150 Rs. Tachrakavil Teeroomelpad. Malabar. The average value of ivory exported for the last 5 years is Rs. 5,500 at the Tariff value of Rs. 150 per cwt."

Bees wax and Candles.

2949 Wax. Coimbatore. E. B. Thomas, Esq.
2810 Candles. Malabar. Cary Baupoo.
2811 Candles. Malabar. Pavanom Paly.
2821 Wax tapers. Rs. 1-5-4. Malabar. do.
2838 Wax. Malabar. Mr. Bassano.
3432 Wax. Travancore. Local Committee.
1095 Wax. Vizianagram. H. H. the Raja.
1237 Wax. Madura. Veedoopoongum.
5987 Bees wax, yellow. Madras. Local Committee.
2586 Bees wax, 12lbs. Cuddapa.
Bees wax. Hydrabad.
2368 Bees wax. Guntoor. Lingamullah Paupiah.

Skins.

9176 Tigers skins. S. Arcot. Mootoosamy Mdly.
9177 Cheeta skins, Do. do.
9293 Bear skin. Bangalore. J. Coglan.
9299 Antelope skins. Do. do.
9300 Cheeta skins. Do. do.
2355 Spotted deer skin, Guntoor. Local Com.
2356 & 7 Sheep and goat skins. Do. do.
2358 Black antelope skin. Do. do.
146 Bison skin. Tinnevelly. Meeranjee miah.
149 Elk skin. Do. do.
152 & 154 Ibex and spotted deers skins. Do.
150 Elk skin. Tinnevelly. Nullamoden.
156 Deer skin. Tinnevelly. Shan Iyapen.
158 Wild bear's skin. Tinnevelly. Pitchen.
170 Tiger's skin. Trichinopoly. Local Com.
171 to 176 Cheeta skins. Do. do.
939 to 950 Skins of the Tiger, Leopard, Bear, Hare, Musk-rat, Guana, Hill-rat, Squirrel, Hyœna, Ibex and Stag. Vizianagram. H. H. the Raja of Vizianagram.

Specimens of Natural History.

4051 to 4062 Stuffed animals viz. Jungle cock, Great owl, Civet cat, Mongoose, Copper colored Crow, Common crow, Hare, Fox, Guana, Minah, Hawk, and a species of Water-fowl. Masulipatam. D. Venkata Narsing Row.
4064 to 4070 Stuffed animals viz. Partridge, Snipe, Dove, Rats, Squirrel, King crow, and thrush. do.
4072 & 4073 Stuffed Monkey and Porcupine. Masulipatam. Local Committee.
4074 Stuffed Elk. Masulipatam. J. Fraser, Esq.
4063 Stuffed white Rats. Masulipatam. Nursogaudoo.
4078 Stuffed Jay. Masulipatam. Lt. B. A. Morell.
5983 Sharks jaw. Madras. Mr. B. Davies.
2772 A Fish. Madura. Manjoo Comaty.
147 & 148 Elk and Sambre heads. Tinnevelly. Meeranjee Meah.
151 & 153 Ibex and stag's skulls Do. do.
155 Spotted deer's horn and skin. Tinnevelly. Meeranjee Meah.
157 Wild Boar's head. Do. do.
159 to 163 Stuffed animals viz. Jackal, Black monkey, Hill-squirrel, Flying-squirrel, and Hedge-hog. Do. do.
166 Snout of Saw-fish. Do. do.
3433 & 3434 Flying-squirrel and flying lizard. Travancore.
3435 Case of stuffed birds do.
6732 Case of stuffed birds. Dr. Day. Hydrabad.
8649 Elephants grinders. (sections of) Mr. Rohde.
2772 Fish tusk. (Hippopotomous tooth ?) Malabar. Manjoo kamty.

HONORABLE WALTER ELLIOT, ESQ.

(A collection of Crania.)

Skull of a man of the Teloogoo cast.
331 Galeopithecus from Singapore, May 1841.
342 Simia. Foot of the Segoor pass.
347 Semnopithecus Johnii, or black Entellus monkey of the Neilgherries.
355 Semnopithecus Entellus—young male from the Benkenhully ghaut near Guzelhutty and Sattimungalum.
360 Semnopithecus Entellus—head of an adult male from the neighbourhood of Vizagapatam.
413 Semnopithecus Entellus. A young or nearly adult female from Bengal, died November 1848.
359 Semnopithecus Priam—young from Valayapillay in the hills between Nellore and Cuddapa, June 1847.
362 Simia macacus—young from Ceylon.
364 Simia (Semnopithecus.) Maura. *Horsf.*—Adult female, lower jaw left side had been broken during its lifetime and healed again.
365 Macacus Silenus—adult female, May 1848.
414 Semnopithecus cephalopterus—about two years old, brought from Ceylon in March 1847, died October 1848.
314 Bathyergus maritimus. Sand mole. Cape of Good Hope.
314 Mangousta Cafra—from the Cape of Good Hope.
416 Lepus raficaudatus. Bank of the Godavery.
325 Herpestes griseus. Do.
356, 415 & 421 Herpestes griseus. Mungoose.
326 Herpestes mungo, female. Madras.
341 & 368 Hystrix cristatus. Porcupine. Adult female.
324 Sciurus maximus. Flying squirrel, female.
344 Sciurus maximus. Neilgherries.
357 Mus giganteus. Bandicoot.
367 Viverra Rase.
418 Viverra Indica.
343 Viverra Zibetha or Civet cat.
429 Hyæna vulgaris. Simmachellum 1853.
309 & 310 Hyœna crocuta, or spotted Hyœna. Cape of Good Hope.
345 Canis Aureus. The Jackal.
358 Canis. Wild dog of Thibet.
380 & 381 Ursus labiatus.
420, 422 & 430 Felis pardus from Vizagapatam.
311 Felis pardus—the Panther, from Kattiwar.
363, 336 & 370 Felis pardus from Calastre 1847.
412 Felis pardus from Travancore.
312 Felis leo. Lion female. Rajkote. Kattiwar 1828.

302 Felis leo.
334 Felis tigris. Adult female. Neilgherry Hills.
426 Felis tigris. Jaulnah.
427 Felis tigris from Rajahmundry.
369 Felis variety or hybrid between Felis chaus and Felis domestica.
409 Felis rubiginosa adult, August 1848.
410 Felis chaus young.
376 Equus caballus, a fine Arab.
418 Head of a chestnut arab.
379 Equus asinus.
332 Ovis variety. Four horned sheep from the Cape of Good Hope.
348 & 349 Ovis variety. Black headed Berber sheep from the Coast of Arabia.
350 Ovis merino. Ram, bred at the Cape of Good Hope.
352 Ovis species. Wild sheep of Beloochistan or Scinde.
335, 353 & 354 Kemas hylocrius or Neilgherry Ibex. Found by Dr. Pringle lying in a sheltered nook of the rocks with the rest of the skeleton, among the hills to the North of Cape Comorin in the Tinnevelly district 1841.
403 Kemas hylocrius, very old male.
300 Tragelaphus sylvatica or Boschbok. Young male from the Cape of Good Hope.
301 & 302 Gazella pygarga, male and female from the Cape.
389 Gazella pygargus. (Bontebok.)
303 & 304 Cephalopus mergens, or Duickerbok, full grown male from the Cape.
333 Duikerbok.
305 Cephalopus perpussilla, or Blewbok from the Cape.
306 Tragulus melanotis or Grysbok, male, from the Cape.
449 Tragulis melanotis. Grysbok.
307 & 308 Tragulus rupestris or Steenbok, male, from the Cape.
323 Tragulus rupestris.
450 Tragulus rupestris. Steenbok.
320 Oryx beza, from the Massowah on the Red Sea.
391 Oryx capensis. Gemsbok.
331, 396, 444 & 445 Sterpsiceros capensis. Koodoo, from the Cape.
322 Antilope cervicapra. Young female.
329 Antilope cervicapra. Young male.
393 & 402 Antilope cervicapra.
386 & 387 Gazella albifrons. Blesbok.
371 Bos Gaurus male.
372 Bos Gaurus female killed by a Tiger.
373 Bos (Bali ox.)
374 Bos taurus. Dwarf variety, ox.
375 Bos taurus. Nellore cow.
377 Bos taurus. Dwarf variety, cow.
378 Bos taurus, common bullock.
406 & 407 Bos arni. Wild buffalo.
388 & 443 Acronotus caama or Hartebeeste.
431 Tetraceros quadricornis. Vizagapatam.
419 Tetraceros quadricornis, female.
435 Melampus. Pallah.
436 Aigoceras ellipsiprymnus or Waterbok, from the Cape.
437 Portax Neilghaie.
438 Boselaphus oreas. Eland.
442 Boselaphus oreas. Eland, curious twisted head.
316 Cervus hippelaphus, Sambre male. Killed at the waterfall on the Neilgherries.
317 Cervus hippelaphus. Sambre female. Killed at Cavettanagarum.
398 Cervus hippelaphus.
441 Cervus hippelaphus from Bellamcondah.
318 Cervus axis. Young male.
392 Cervus axis.
440 Cervus axis from Ellore.
319 Gavial of the Ganges. Young.
327 Cervus muntjac. Young female of the first year from the Shevaroy Hills.
336 Cervus muntjac from the Neilgherries.
340 Cervus muutjac, adult female. Neilgherry hills.
338 Moschus memina from Coimbatore.
346 Moschus. Small red musk, from Singapore.
351 Moschus napu.
390 & 397 Cervus rusa from Malacca.
439 Cameleopardus. Giraffe.
328 Sus scofra (aper.) Killed at Wattiwakum in the Chingleput district.
329 & 330 Sus scofra (aper) from the Neilgherry Hills behind Dodda Betta.
383 Sus scofra. (domestic.)
384 Sus babyroussa.
385 Phascochaeres Africanus.
425 Phascochaeres Africanus.
428 Sus aper from Jaggiapetta 1857.
395 Elephant young.
404 Elephant adult male weight of tusks $\frac{1448}{1349}$
405 Elephant.
408 Elephant adult female.
411 Ratellus Indicus. Indian Badger.
423 Delphinus. sp.
424 Delphinus. sp.
446 Rhinoceros simus.
313 Tetrodon.
Shark eggs.
Cassawary eggs.
Flying lizards.
Teeth of Sperm whale.

(End of Class IV.)

H. P. HAWKES.

APPENDIX.

The Chamber of Commerce.

(The series of specimens in illustration of the most valuable of the Commercial products of all countries, exhibited by the Madras Chamber of Commerce being most complete, the list is here given entire.)

Samples of produce received from England.

(The sums marked opposite each are the selling prices in London.)

Sugars.

No.	Description		£.	s.	d.
5866	Bengal, Benares.	per cwt.	1	16	0
5867	,, Cossipore,	,,	1	16	0
5868	,, Date,	,,	1	12	0
5869	Siam, ...	,,	1	14	6
5870	Jamaica, ...	,,	1	10	6
5871	Barbadoes... ...	,,	1	13	0
5872	Porto Rico. ...	,,	1	14	0
5873	Cuba, Muscovado.	,,	1	11	6
5874	,, yellow clayed.	,,	1	13	6
5875	,, brown clayed.	,,	1	10	6
5876	Mauritius yellow...	,,	1	12	6
5877	Brazil, Pernambuco, white.	,,	1	15	0
5878	,, ,, brown.	,,	1	8	6
5879	,, Bahia ,,	,,	1	9	9

Rice.

No.	Description		£.	s.	d.
5880	Rice, American,	,,	1	4	0

Saltpetre.

No.	Description		£.	s.	d.
5881	S. American or Nitrate of Soda.	,,	0	18	0
5882	Calcutta good.	,,	1	17	0

Coffee.

No.	Description		£.	s.	d.
5883	Arabian Mocha.	,,	4	2	0
5884	Ceylon plantation.	,,	3	8	0
5885	,, Native.	,,	2	12	0
5886	Java.	,,	2	16	0
5887	Singapore (Bugis)	,,	2	9	0
5888	S. American, Costa Rica.	,,	2	19	0
5889	,, Rio,	,,	2	7	0
5890	W. India, Jamaica.	,,	3	0	0

Wools.

No.	Description		s.	d.
5891	Australian Sydney clothing, fine	per lb.	2	5
5892	,, do. do. inferior	,,	1	6½
5893	,, Van Dieman's Land	,,	2	3
5894	,, Port Phillip, good,	,,	2	4
5895	Cape of Good Hope, superior,	,,	2	0
5896	do. inferior,	,,	1	5½
5897	Port Phillip greasy,	,,	1	1½
5898	German, a small Cabinet sample of very fine,	,,	5	0
5899	,, Fine,	,,	4	0
5900	,, Not so fine,	,,	3	3
5901	,, Medium,	,,	2	8
5902	Portugal in grease,	,,	0	7½
5903	Peruvian Alpaca, White and coloured	2-4 to	2	8
5904	Constantinople, Goats, good,	,,	2	3
5905	Russian Merino Moscow,	,,	2	10
5906	,, Odessa (Brook washed,)	,,	2	0
5907	,, Amskoi good,	,,	0	10
5908	Italian Skin,	,,	1	6
5009	Egyptian,	per lb.	1	1
5910	Buenos Ayres, scoured,	,,	1	6
5911	,, Common,	,,	0	6
5912	S. American, Vicuna,	,,	6	7½
5913	Bussorah,	,,	1	0
5914	East India good white	1 to	1	0
5915	,, ,, yellow		0	11
5916	,, ,, brown	7 to	0	8
5917	,, ,, black	7 to	0	8
5918	China, Shanghae	7 to	0	8
5919	Cashmere, white		2	4
5920	,, coloured.		2	2

Cottons.

No.	Description		d.
5921	American, middling upland	per lb.	6⅝
5922	Egyptian, fully fair	,,	6¾
5923	Brazil, good fair Paraiba	,,	7¼
5924	W. India, St. Domingo	,,	6

Silks.

No.	Description		£.	s.	d
5925	China, Canton,	per lb.	0	18	0
5926	,, Taysaam,	,,	1	0	0
5927	,, Tsatlee.	,,	1	4	0
5928	,, Tram thrown in Engd.	,,	1	6	0
5929	,, Bigazine from Tsatlee,	,,	1	8	0
5930	,, ,, ,, China,	,,	1	4	0
5931	Italian, white Novi,	,,	2	1	0
5932	,, Fossombrone,	,,	2	0	0
5933	,, Raw Milan,	,,	1	18	0
5934	,, Carded waste,	,,	0	7	0
5935	,, Waste,	,,	0	5	0
5936	Bengal Sherripaul, common	,,	0	14	0
5937	,, ,, Native file	,,	0	17	0
5938	,, Jungypore ,,	,,	0	17	0
5939	,, Cossimbazar,	,,	0	18	0
5940	,, Bakhur,	,,	1	0	0
5941	,, Tram thrown in Engd.	,,	1	3	0
5942	,, Rampore,	,,	1	4	0
5943	,, Best Gonatea,	,,	1	5	0
5944	,, Dowletpore,	,,	1	6	0
5945	,, Commercolly Gallempore	,,	1	7	0
5946	,, Bigazine thrown in Eng.	,,	1	9	0

Indigo.

No.	Description		£.	s.	d.
5947	Java, fine,	,,	0	7	9
5948	Bengal, good,	,,	0	7	6
5949	Guatemala, middling,	,,	0	4	8

Cochineal.

No.	Description		£.	s.	d.
5950	Fine Honduras, black,	,,	0	6	0
5951	,, ,, silver,	,,	0	4	0
5952	Teneriffe, black,	,,	0	4	8
5953	,, silver,	,,	0	3	8
5954	Mexican, black,	,,	0	4	6
5955	,, silver,	,,	0	3	9

Dyes.

No.	Description		£.	s.	d.
5956	Seedlac,	per cwt.	2	5	0
5957	Shellac, Orange Button,	,,	4	5	0
5958	,, Liver,	,,	2	18	0
5959	,, Orange,	,,	2	16	0
5960	,, Garnet,	,,	2	15	0
5961	Lac dyes, various brands,	per lb.	0	2	3
5962	Safflower,	per cwt.	7	0	0

Drugs.

No.	Description		£.	s.	d.
5263	Turmeric,	,,	2	0	0
5964	Aloes Socotrine,	,,	14	0	0
5965	Gamboge,	,,	7	0	0
5966	Dragon's Blood, Lump,	per cwt.	16	0	0
5967	,, ,, Reed,	,,	12	0	0
5968	Cubebs,	,,	6	10	0

			£	s.	d.
5969	Cardamoms, Malabar,	per lb.	0	3	6
5970	,, Madras,	,,	0	2	10
5971	,, Ceylon,	,,	0	1	3
5972	Nux Vomica,	per cwt.	0	12	0
5973	Senna, Tinnevelly,	per lb.	0	0	10
5974	,, Bombay,	,,	0	0	6
5975	Castor Berries,	per cwt.	0	10	0
5976	Croton Seeds,	,,	5	0	0
5977	Colombo Root.	,,	2	10	0
5978	Rhubarb,	per lb.	0	5	0

	Gums.		£	s.	d.
5979	Benjamin, Siam,	per cwt.	35	0	0
5980	,, Sumatra,	,,	25	0	0
5981	Myrrh,	,,	14	0	0
5982	Arabic,	,,	4	0	0
5983	Olibanum,	,,	3	10	0
5984	Animi,	,,	15	0	0
5985	Dammer,	,,	3	10	0
5986	Cowries from the Maldives	,,	4	10	0
5987	Bees wax, yellow,	,,	7	10	0
5988	India rubber,	per lb.	0	0	7½
5989	Gutta Percha,	,,	0	1	0

H. P. HAWKES.